

I N D E X

U. S. GOVERNMENT RESEARCH REPORTS

GALVIN LIBRARY
ILLINOIS INSTITUTE OF TECHNOLOGY

Vol. 28

July - December 1957

MAR 22 2006

GOVERNMENT DOCUMENTS
DEPOSITORY #0146-A

A

	PB	Page	PB	Page	PB	Page
Ability tests	131191	314	Adenosine - Continued		Afterbodies,	
effect of noise	121807	170	triphosphate - ex-		cylindrical - angle of	
evaluation	124764	162	change reactions.	125185	attack - theory	124372 99
	124789	237	Adhesion:		Afterglow - measurement -	
	125229	161	electrical aspects	128430	Canada	124709 303
Accelerators:			testing equipment....	121982	10 Aggregates.....	124781 87
electronic -per-				128431	153 Air:	
formance.....	124001	211	Adhesives:		conditioning - equipment -	
electrostatic - oper-			ceramic to metal....	121941	28 design.....	121284 78
ation	121757	14		131004	85	124299 95
tests	126505	139	high temperature -		cooling - methods	121926 19
Accelerometers:			preparation	121856	67 decomposition...	124755 234
barium titanate	131277	353		121908	68 electrical con-	
recording -				131024	6 ductivity....	124755 234
design	122299	319	tests	131024	6 flow -	
tests	127844	175	metal to metal.....	121908	68 heat transference -	
Acclimatization	124637	34		121958	81 theory	125871 383
tests.....	124533	21		128430	229 France	125607 233
Acetic acid:				131024	6 measurements..	124028 30
(ethylene diamine)			physical properties..	131099	207 measuring equipment -	
tetra	124663	206	plastic	121878	7 design.....	124028 30
	131082	5	electrical proper-		ionized	131276 304
(ethylenedinitrilo)			ties	121960	5 refrigerating	
tetra.....	124663	206	evaluation	121960	5 properties...	121926 19
halogenated - infra-			research.....	131099	207 temperature	128375 231
red absorption...	131035	206	to metal	121960	5 thermal dis-	
Acetylene - ignition				121982	10 sociation....	124411 31
tests.....	124845	17	solvent resistance..	121908	68	131276 304
Acid-base equilibrium	125531	68	stabilization	121908	68 thermodynamic	
Acoustic(s):			strength - tests	131099	207 properties...	128375 231
research	124073	315	synthetic - use of		131276 304	
	124658	166	plastics	121856	67 Aircraft:	
	125150	91	tests	131046	77 collisions - pre-	
	125173	91	thermal properties..	121856	67 vention.....	127836 177
	125971	311		121908	68	131122 174
	125996	291	water resistant.....	121908	68 controls -	
theory	125174	167	Adiabatic phenomena.	124254	28 coding	121970 38
	125996	291		125886	365 design.....	121970 38
	128410	304	Adsorption -effect of		crates	131376 369
underwater - re-			temperature....	122862	141 structure - stress	
search	128895	386			analysis.....	121680 317
Acrylic acid, butyles-			Aerodynamics:			
ter-1-dihydro-			bibliography.....	131385	347	131382 380
perfluorobutyl ...	131375	348	theory	123185	248 Airfoils:	
Activators, rare			filtration	125198	cascade tests....	125663 382
earth - Gt.			formation	125198	366 oscillating - aero-	
Britain	124574	375	optical properties...	125198	366 dynamic	125761 383
Adapters, radar -			particle size -		366 Airframes:	
tests	124187	142	measurement....	125198	materials	131068 246
Adenosine:			physiological		366 tensile proper-	
diphosphate - ex-			effects	125596	ties.....	121605 245
change reactions	125185	223			224 tests	125656 99

<u>PB</u>	<u>Page</u>	<u>PB</u>	<u>Page</u>	<u>PB</u>	<u>Page</u>	
Airplane(s):		Airplane(s) - Continued		Alloys: Continued		
acceleration - measuring equipment	122299	safety devices and measures....	124365 131382	high temperature - Continued		
127844	319 175	skin - friction - theory....	124370 125105	fatigue - Continued		
accidents - injuries..	124365	temperature	128120	131311	299	
air conditioning - theory.....	121284	stability,	380	131313	301	
cabins - air - analysis.....	125218	dynamic - tests....	123185	131319	301	
cooling equipment..	121284	124361	248	impact tests....	125674	
temperature - calculation	78	effect of	97	mechanical properties.....	131221	
129120	380	tail	125750	131221	154	
climatic effects.....	125768	wing position	124409	metallurgy.....	128209	
coatings, protective..	131002	stalling - warning	320	128897	228	
control(s), automatic	131462	devices - tests..	127849	oxidation resistance.....	131213	
location	121802	takeoff - vertical....	123635	128511	225	
131197	95 176	124445	98	phase studies....	128209	
operation - effect of gloves	131197	125681	320	research.....	122904	
systems - effect of lag.....	121359	transport - models - flight tests.....	125681	rupture tests....	121791	
cooling systems	121234	320	176	122904	25	
121256	175	Airports:		131210	156	
components	121234	air traffic control...	121919	131213	229	
drag	125741	123553	39	131310	300	
effect of fuselage..	125756	124799	97	131313	301	
equipment - bonding	128494	125219	94	stress effects....	131313	
cooling	121256	127837	220	tensile properties.....	301	
temperature - calculation	129120	176	177	121605	245	
fire hazards - reduction	125164	131001	29	122608	82	
flight characteristics	123185	131127	177	tests.....	122904	
flooring - materials.	131101	131177	315	125668	306	
high-speed - design..	128666	131179	171	128889	365	
hydraulic systems..	121957	131270	316	131319	301	
interception	124356	control towers - operators - performance	121799	magnetic - properties.....		
lift	125748	123553	94	131209	216	
materials - creep tests.....	131210	127835	97	ternary - structure.....		
steel	121847	Airways - mapping - radar.....	122301	123116	33	
131034	156	Airy's stress function	125884	123472	167	
stress analysis	128666	131013	371	14 Aluminum: alloys -		
131210	245	Akermanite - stability.....	124800	compression....	124407	
structure	131210	131168	369	tests.....	124408	
tensile properties..	121812	Alfenol - tests.....	225	creep tests	131016	
testing equipment..	121812	Aliphatic compounds - adsorption.....	131013	131139	226	
thermal properties.	128666	Alkali metal halides:	139	fatigue tests....	131259	
titanium.....	121786	effect of pressure... reactions	122160	124405	154	
124790	9	121341	235	forgings.....	124417	
models - recovery - Gt.		Alloys:	68	heat treatment..	128996	
Britain.....	125760	binary - structure..	123472	124407	299	
spin - Gt. Britain..	125760	brazing - tests	125685	124408	80	
wind tunnel tests....	123185	high temperature - aging treatment.....	128209	167	high temperature.....	
noise - measurement	128410	125739	228	131139	226	
parts - cost analysis	128996	creep tests	131016	soldering.....		
125670	299	131210	156	tensile tests	121965	
theory	124478	damping capacity...	131025	158	vibration tests..	121812
rocket assisted - flight tests	124361	elasticity.....	131025	158	welding.....	123589
rolling - calculation.	124362	electrical properties.....	131124	128518	158	
131311	97	131025	23	compression		
131313	304	131310	154	tests.....	121605	
131313	131311	300	245	copper alloys	127771	
131313	301	corrosion.....	121311	155	121864	350
131313	301	resistance.....	131311	121965	158	
131313	301	creep tests.....	131311	121143	85	
131313	301	damping capacity.....	121311	121143	85	
131313	301	determination....	131107	121701	163	
131313	301	effect of grain size.....	131107	131107	84	
131313	301	ingots.....	131256	153	131090	229

PB	Page	PB	Page	PB	Page
Aluminum: (Continued)		Amplifiers: Continued		Antennas: Continued	
iron		stagger-tuned	122893	16 wideband.....	124776 86
alloys - magnetic		transistor -		Yagi - design	125988 292
properties... 131168	225	design.....	123970	13 Anthropology -	
silicon alloys - magnetic		theory.....	123970	13 Colombia....	125995 322
properties... 127417	227	traveling wave -		Anthropometry...	131183 169
molybdenum alloys -		theory.....	131031	74	131192 169
uses..... 121948	26		131257	215 Antibodies.....	124783 169
plasticity	121143	Amylopectin - dielectric		hemolysis.....	124009 298
powders -		properties.....	121943	66	124617 222
extrusion..... 121526	24	Amylose - dielectric		Antioxidants:	
metallurgy..... 121526	24	properties	121943	66 analysis.....	131063 8
131225	299	Analogs:			131267 317
production	125033	electric	111792	356 high temperature -	
sintered - tests	131225	uses.....	131108	91 solubility	121991 17
tensile tests..... 121143	85	Analyzers:		tests.....	121991 17
titanium alloys	121693	157 electronic - design..	124548	361 Anti-submarine	
Alveolar ventilation -		fuel spray - Canada.	125563	358 warfare.....	120683 321
theory..... 124539	21	noise - design	125147	303 Anxiety	124540 35
Amines, tertiary.... 121684	205	pulse - performance.	125175	210 Apples - radiosteri-	
Ammeline - phosphorus		speech	126365	292 lization	121962 75
pentoxide - re-		Anemia, hemolytic...	124009	298 Approximate compu-	
actions..... 121908	68	Anemometers, hot-wire -		tations	124017 312
Ammonia - catalysts. 131462	387	uses.....	123583	164	124198 373
Amphibious warfare.. 127749	101	Angle of attack - effect on lift			124234 209
Amplifiers:		coefficient.....	124412	177	125121 165
backward-wave -		Animals, laboratory -			125227 308
mixing..... 131022	16	records.....	123037	223 APS-24	124187 142
theory..... 122893	16	Anodes,		Arctic regions - climate -	
bandpass..... 128371	211	platinum - sub-		Russia	124186 27
feedback - impedance -		stitutes.....	125530	74 Areas - measure-	
theory..... 124762	212	Antennas:		ment	125021 311
linear..... 131208	215	aircraft -			125022 310
magnetic -		coatings - effects ..	125073	143	125023 308
circuits..... 121765	71	low frequency - properties		Armor:	
121765 s	357	measurement....	125073	143 plate -	
122393	16	circular - design....	123353	71 effect of rare earth	
131011	75	corner -		treatment	125860 230
131050	293	radiation patterns -		impact tests	120695 29
131208	215	Canada.....	122619	11	123360 160
131235	216	research - Canada..	122619	11 weldability.....	125860 230
131236	216	gain - measurement.	125988	292 protection.....	120695 29
131240	147	microwave -		AS-101 (radio direction	
control..... 131208	215	design.....	125236	13 finder)	122745 146
131235	216	theory.....	128075	355 Astronomy - re-	
core materials ...	121765	71 omnidirectional -		search	122249 158
121765 s	357	design.....	124939	144 Astrophysics - theory -	
131011	75	radiation patterns..	124939	144 Belgium.....	125615 303
131050	293	127847		144 Asymptotic ex-	
121765	71	127851		pansions.....	123080 165
121765 s	357	tests	124939	144	123176 239
125175	210	polar diagrams.....	123145	71	124219 165
131011	75	radar -			124844 31
131235	216	design	123145	71	125112 11
131240	147	elevation control equipment -			125134 164
121765	71	Canada	124717	143	125171 165
operation	121765	lobing	123331	71	125224 210
performance..... 131236	216	performance	123145	71 Atmosphere:	
131251	216	radiation patterns..	131137	145 carbon monoxide con-	
theory..... 131208	215	radiation patterns - mathemat-		tent.....	125068 208
uses	131011	ical analysis....	128075	355 circulation -	
nonlinear - theory...	124762	reflectors - Canada..	122619	11 forecasting.....	123449 27
power - design	131164	rocket -			124889 303
pulse - design	125617	design.....	125078	248	125216 86
servo - design	123330	performance	125078	248 mesosphere.....	125095 302
	125905	75	125409	159	
	353	radiation patterns..	125078	248	

PB	Page	PB	Page	PB	Page
Atmosphere - (Continued)		Atmosphere - (Continued)			
density -		upper - (Continued)		B	
measurements... 123286	86	radon content - measure-			
tables 125140	232	ment 125617	303	B-52(airplane).... 128996	299
electricity - meteoro-		research 124714	302	Bacteria:	
logical effects.. 125018	366	spectrographic analysis -		culture media.... 125220	223
Russia 124164	304	Canada 124709	303	inhibiting sub-	
flux - measurements, 125216	86	temperature - measure-		stances.... 129032	224
heat transference -		ment 131095	86	Ball bearings:	
measurement 124472	232	turbulence -		fatigue tests..... 124435	20
theory 124889	303	analysis 125618	230	lubrication 124435	20
hydrodynamics -		128372	233	Ballistics:	
theory..... 125619	303	theory 124714	302	exterior - yaw ... 120695	29
ionization -		Atmospherics - waves. 125216	86	research..... 125040	232
measurement 124772	302	Atolls - Caroline		Barium:	
theory - Russia ... 124164	304	Islands 124197	322	peroxide - decom-	
light transmission.. 124913	367	Atomic power:		position.... 122156	8
ozone - vertical		instruments - Great		titanate -	
distribution... 125621	366	Britain..... 110751 r	359	crystal structure - effect on	
pollution	127132	research 123417	14	electrical	
potential gradient -			123587	properties... 121342	9
Germany 125018	366		124015	polarization..... 125114	160
pressure -			124176	preparation..... 131089	235
distribution - mathematical			124178	spectrographic	
analysis 124659	28		124182	analysis..... 131089	235
forecasting..... 125216	86		124184	92 testing equipment. 121999	77
measurement - Hawaiian			124244	375 Barrier materials -	
Islands..... 124192	87		124252	evaluation... 131262	297
radioactivity..... 127337	301		124265	8 Bathypitometers -	
measurement..... 128365	159		124489	use 124891	102
131081	230		124590	34 Batteries:	
Germany 125018	366		124677	241 congresses	216
radon content - measure-			124799	34 light weight	128097
ment 124772	302		124804	125427	216
125617	303		124883	313 research..... 125427	216
sound absorption.... 128410	304		124888	241 Beaches:	
temperature - tables 128375	231		125175	314 erosion - prevention - Ana-	
turbulence -			125544	210 heim, Calif... 122587	294
measurement 124753	310		125755	375 trafficability	127749
meteorological			125848	375 Beams:	
aspects	124757	86	124108	125848	
128372	233	Germany	124571	375 bending	131028
spectrographic		Great Britain.....	124572	131245	155
analysis	125752	383	124572	375 box - bending -	
theory	124659	28	124573	tests	123636
124889	303		124575	124503	95
upper -			124577	361 load capacity..... 131028	81
data collection..... 131095	86		124584	131182	226
density	131095	86	124585	376	131245
electrodynamics -			124585	374	131252
theory..... 127333	234		124586	376 plastic deforma-	
meteorological			122884	242 tion..... 131028	81
effects	124714		124919	376	131245
125618	230		131257	215	155
Germany	125552		122248	131373	363
models	131095		122250	171 stress analysis.. 124503	173
molecular weight-			124073	94 vibration - theory. 124503	173
determination.. 131095	86	Auditory research....	121189	315 Bearings:	
nitrogen oxide con-		Austenite - trans-	86	aircraft -	
tent	127721	formation.....	124657	154 materials..... 121935	39
ozone - measure-		Autocorrelation -	366	131226	291
ments	125621	theory	124210	210 tests..... 121935	39
physical properties. 131095	231	Automobiles - park-		131226	291
pressure		ing	124657	249 airframe -	
distribution..... 125618	86	Autoradiography	125739	364 housings -	
tables	131095	86	86 Azides - detonation -	specifications... 131068	246
			Great Britain... 128369	160 tests	246
				antifriction -	
				packaging..... 131262	297

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>
Bearings - (Continued)			Bodies - (Continued)			Boron - (Continued)		
antifriction - (Continued)			of revolution - (Continued)			preparation...	131180	141
preservation	131262	297	pressure distribution -			thermal prepara-		
cleaning	131361	362	measurements -			tion.....	131180	141
Beef - processing -			France.....	125607		233 trimethyl - syn-		
Australia.....	124711	216	theory - France...	125607		233 thesis.....	127902	289
Bend testing			subsonic character-			Boroxine:		
machines.....	121626	22	istics.....	125671		311 tributyl - reactions.	125845	348
Bending stresses -			supersonic character-			triisobutyl - prepar-		
theory	123396	24	istics.....	125671		ation.....	125845	348
Benzene - derivatives -			transonic character-			trimethoxy - chemical		
structure.....	123465	5	istics.....	124471		properties..	121986	207
Beryllium:			Body:			use as fire extin-		
fluoride - crystal			human -			guisher....	121986	207
structure.....	124095	305	heat			Boundary layer:		
oxides - properties..	131202	178	loss.....	121567		223 aerodynamics.....	125871	383
polonium compounds -			testing equipment..	124894		77 control	125748	384
radiation.....	125222	312	metabolism.....	124866		34 effect on stability.	124445	99
Bessel functions....	125194	240	position.....	131271		377 laminar -		
	125610	312	water content.....	125757		377 analysis	125740	370
Beta rays - radiation			Bohm - Pines theory (electron			flow	125738	372
tolerance.....	131160	241	scattering.....	123964		10 heat transfer....	124646	248
Binary mixtures - vapor-liquid			Boltzman equation -			pressure grad-		
equilibria....	126443	351	Belgium.....	125180		ient	125143	90
Biological research -			Bomb(s):			theory.....	124433	320
Caroline Islands	124197	322	atomic - radiation - determina-			125871	383	
equipment	123912	293	tion - Gt. Britain.	124578		376 heat transference..	125105	239
Biplanes - aerody-			crating and packing..	125525		78	131150	163
namics	123635	98	Bombing, precision - instruments			coefficients.....	121938	92
Bismuth - electrical			tests.....	122789		38 temperature dis-		
properties....	125572	75	Bonding:			tribution....	131152	92
Blood:			chemical.....	122160		124646	248	
effects of			123543			125137	311	
cold	124783	169	electric	121742		126572	309	
radiation - bibliog-			materials - thermal			14 mathematical analysis -		
raphy	124018	92	properties.....	121553		Germany....	124218	309
gases	124011	223	Bones - trans-			23 suction effect	124369	39
plasma -			plantation	125524		121856	67	125183
analysis	121984	20	Boolean functions....	124719		131004	85 three dimensional -	382
effects of radiation..	124009	298	125865			131253	288 theory.....	125143
protein - electro-			metallic	131226		131226	90	125871
phoresis.....	124783	169	specifications	128494		211 transition point -		383
Blowers, cooling:			Bones - trans-			effect of roughness.	124410	178
design.....	131184	220	plantation	125524		224 tests	124410	178
tests	131184	220	Boolean functions....	124719		164 turbulent -		
Bodies:			125865			372 heat transference..	121938	92
ducted - drag - effect of nose			128023			356 temperature dis-		
design	125753	382	Booms	121920		101 tribution....	121938	92
of revolution -			Borane, ethyldihydroxy -			128023	101 tribution....	92
aerodynamics -			preparation	125845		Boxes, wooden - wire-		
effect of Mach			Borine carbonyl - infrared			348 bound	124639	161
number.....	124393	38	spectra.....	124897		Brain stimulation..	125847	362
	124471	99	compounds -			67	125854	362
theory.....	124471	99	bonding.....	131086		Brazing - methods..	121553	23
boundary layer -			chemical analysis...	125845		Bubbles:		
flow -			molecular structure..	125845		206 air -		
pressure gradients.	125149	90	131086			348 motion	125901	303
theory - Israel....	124629	165	spectrographic anal-			348 shape	125901	303
drag.....	125743	382	ysis.....	125845		206 gas -		
effect of Reynolds			stability	131086		acoustic prop-		
number.....	124723	178	synthesis	127902		348 erties.....	128665	239
heat transference...	124395	31	determination.....	131088		206 pressure measure-		
calculation.....	124366	98	fluoride - reactions..	131086		289 ments.....	128665	239
France.....	125607	233	nitrogen compounds -			290 Buckling, thermal		
			reactions.....	127332		206 theory.....	131072	317
						350		

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>
Building materials:			Carbon:			Cells, dry - specifications..		
light weight	131113	84	activated - oxidation.....	125200	212	Cellulose:	128097	148
permeability	131219	246	arc, high intensity -			acetate butyrate -		
testing methods...	125601	380	design.....	123590	219	tensile properties..	131242	349
Buoys - hydrodynamics -			spectra.....	123590	219	tests	131242	349
Arctic region..	124106	179	chemical equilibrium..	125881	227	caprate -		
Burn(s):			determination.....	131119	69	hydrolysis.....	131021	67
protection.....	131287	352	dioxide -		dielectric proper-			
therapy	123995	224	effect on wollastonite.....	124800	ties	121943	66	
Burners, gas -			monoxide -	369	Centrifuges, ultra -			
design.....	128890	294	absorption coefficient..	125068	uses	121982	10	
Business centers - decentralization.....	124657	249	spectrographic analysis	125068	208Ceramic(s):			
Butane:			tetrachloride - decom-		barium titanate -			
1 bromo - 2,2,3,3,4,4,4 -hepta-			position.....	131035	208electromechanical			
fluoro prepar-			Cardiac contractions..	123446	properties... 131089	235		
ation	127881	288	123447	206 microanalysis.... 121342	9			
1, 4-diol dinitro - decom-			Cardiovascular system - electro-		223 piezoelectric			
position.....	122948	206	physiology.....	121888	224 properties... 131089	235		
3-Butanone, 2-oxime -			Cargo:		polarization..... 125114	160		
therapeutic prop-			handling.....	121920	77 x-ray inspection.. 121342	9		
erties.....	125599	298	safety methods.....	135697	materials -			
C			loading	121920	101 bonding..... 131093	87		
Cabins, pressure - air con-			Carnotite - micro-		100 coatings, metallic - electro-			
ditioning -			structure.....	127074	101 high temperature - thermal			
methods.....	121854	360	Carriers, cargo.....	121920	368 properties.. 125069	234		
Cables:			Cars:		101 temperature tests -			
aircraft - installa-			freight	121550	equipment ... 121999	77		
tion.....	131048	212	railroad - loading ...	121550	248 uses	131004	85	
coaxial -			Cartography - equip-		248Cerium - crystal			
connectors - design.	131048	212	ment.....	124796	structure... 127239	351		
materials	131048	212	124977	137Cermets:				
thermal properties..	131048	212	125217	137 adhesive - tests...	121941	28		
Calcite - reaction with			212 Cascades (aerodynamics)		348 materials	131093	87	
quartz.....	124800	369	tests.....	125663	impact tests..... 125668	306		
Calcium:			125667	382 properties	125668	306		
carbonate - solubil-			125672	381 titanium carbide -				
ity	124551	291	Casting:		318 fatigue tests..... 131026	305		
phosphate - solubil-			investment	131120	impact tests..... 125674	306		
ity	124551	291	precision - methods..	123387	131026	305		
tungstate - uses...	122686	238	131120	83 mechanical				
Calendars - computa-			Catalysis:		properties.. 131026	305		
tion.....	123930	150	methods.....	122862	physical prop-			
Calibrators - tests...	120640	15	research	125917	erties.... 125664	368		
Calorimeters -			Catalysts, oxidation...	124208	364 rupture tests.... 131026	305		
design.....	124894	77	Cathodes:		209 tensile tests.... 131026	305		
	131038	17	mercury - Germany..	125852	Chambers, vacuum -			
Cameras:			oxide - emission.....	131129	356 design..... 125628	352		
ballistic -			palladium.....	131170	214Charts, aeronautical - prepar-			
design	125142	87	platinum.....	131170	102 ation..... 128368	137		
operation.....	125142	87	silver-cesium oxide -		102Chelate compounds.. 131082	5		
high speed - synchroni-			electrical properties.	124931	formation 124663	206		
zation.....	131326	249	emission	124931	214Chemical compounds:			
Canisters, parachute -			thermionic	124931	214 organic -			
design.....	124269	161	Cauchy problem.....	124736	124 molecular struc-			
Canopies, plastic -			124911	92 reaction mecha-	311 ture..... 124799	34		
design.....	131032	37	Cavitation:		nisms..... 125546	379		
Capacitors - specific-			bubble collapse.....	128665	239 thermal proper-			
ations.....	121123		theory	125858	373 ties..... 121980	12		
CAPI (constant - altitude plan			74 Cavities, resonant -		equilibrium, hetero-			
indicator)....	124717	143	tests	120724	10 geneous.... 125881	227		
					research..... 123742	206		

PB	Page	PB	Page	PB	Page
Chemisorption.....	124208	209 Civil engineering	124300	246 Coatings - (Continued)	
Chloracetophenone - specifications.....	129072	Claustrophobia.....	124556	222 protective - adhesion.....	121982 10
Chromatographic analysis: apparatus.....	131063	288 Climate:		application.....	125963 290
methods.....	123991	Caroline Islands.....	124197	dielectric properties.....	125073 143
Chromium: alloys - electrodeposition.....	111911	8 Fort Churchill,		electrodeposition.....	125203 349
mechanical properties.....	121895	208 Canada.....	125046	materials	125203 349
nickel alloys - oxidation.....	125396	Goajira Peninsula, Colombia.....	124092	preparation.....	125963 290
tensile properties...	121895	25 Greenland.....	124245	specifications...	125963 290
thermal properties..	121895	24 Climatology - research	125100	tests	131203 148
Chromolithography...	128368	Clothing:		bibliography...	123741 137
Circuits: amplifier - core materials	121765	26 Arctic - design.....	124866	titanium ester - tests.....	131268 289
design.....	121765	24 cold weather - insulation - measuring equipment.....	126108	zinc dibutyl titanate - heat resistance..	121736 7
analysis	128371	24 materials	124598	Cockpits:	
bridge - design.....	121765	26 physiological effects..	126108	controls	131189 244
coupling.....	128371	71 flying	131271	design	131189 244
electric - analogies.....	124869	71 protective - decontamination.....	123179	visibility	122306 37
analysis.....	124234	211 tests	124598	measurement...	131189 244
theory.....	125193	71 radioactive - decontamination.....	123179	Codes	123052 327
electronic - design.....	125039	Clouds:		aeronautical....	131001 29
mathematical analysis	124870	72 cirrus - formation - Germany	125552	Coding: devices.....	121345 247
printed - adhesives.....	121960	209 cumulus - formation - Germany	122245	122014 200	
containers.....	131386	219 formation - Germany	131135	design.....	123052 327
fabrication	124505	353 electricity - measurement.....	125209	operation.....	131001 29
materials	121960	72 reflecting properties..	131135	machines.....	111928 244
theory	124505	stratus - seeding	124114	131001 29	
theoretical - theory	131019	5 temperature - measurements.....	123357	Coils - magnetic fields.....	125527 90
parallel - theory....	131019	5 hydrogenation	124964	125906 19	
radio frequency - development ...	131264	145 Japan	124297	Coke - analysis...	124291 218
resonant - losses	124089	74 Coating(s):		231 exposure - resistance	125849 377
mathematical analysis.....	124754	74 aluminum - chromium - silicon - tests	131368	therapy	122393 190
transfer functions..	124089	357 silicone - heat resistance	121736	27 123996	123996 242
smoothing - theory..	124624	357 ceramic - heat resistance	7	vasomotor response.....	123996 s 242
switching - design.....	131240	15 insulating properties..	131002	physiological effects.....	123996 s 242
time delay - theory..	128023	142 corrosion resistant - acoustic effects	123395	124533 21	
	131240	142 fire resistant	131002	11 chemistry	131228 348
	124089	215 glass - heat resistance.....	125069	139 research - Germany ...	122246 70
	124754	354 stability	125069	Colloid(s):	
	124089	heat resistant - tests..	121736	11 chemistry	124977 137
	124754	72 insulating - thickness - measuring equipment....	7	128368 137	
	124089	73 oxidation resistant....	131368	139 vision - tests....	124896 172
	124754	72 deposition - methods..	131062	Combustion:	
	124089	73 preparation.....	131062	19 chambers - liners.....	131312 295
	124624	239 tests	123584	7 oscillation.....	121892 18
	131240	plastic - insulating properties.....	131002	7 temperature - determination....	131142 80
	128023			131144 80	
	131240				
	125876				

PB	Page	PB	Page	PB	Page
Combustion - (Continued)		Computers, (Continued)		Contacts, electric - noise -	
gas dynamics	124103	digital - (Continued)		measurement-	
	131008	operation.....	123932	Switzerland..123108	213
theory - Canada...	125026	Russia	123934	Containers:	
heat transfer.....	131312	storage systems...	128885	221 intermetallic -	
temperature	131312	uses	124292	151 research.... 121948	26
research.....	121892		122127	91 metal - sealing... 131194	145
	124103		125759	360 plywood..... 131187	161
	124733		131182	226 polyethylene -	
spectrographic anal-	124845		125450	221 tests..... 121907	207
ysis	128890	17 electronic	111996 r	152 shipping..... 131112	82
	128892		123155	150 wood - preserva-	
	131315	circuits - design -	123170	tion 124639	161
testing equipment...	128312	Russia.....	123999	sizes - standardi-	
theory.....	125075	coding	124105	220 zation..... 131187	161
	125622		124166	150 storage 131112	82
Canada.....	125187	Russia	128886	150 Controls:	
Comets:		components	124105	219 automatic - frequency	
photographic analysis -			124165	150 response charac-	
Belgium.....	125615	design.....	124546	teristics.... 121359	38
spectrographic analysis -		digital	124546	125857	220
Belgium.....	125048	operation.....	126756	297 hand - tests 121970	38
	125615	uses	124165	150 lateral - opera-	
Communication(s):			111792	356 tion 125681	320
systems -			124105	150 longitudinal - opera-	
audio	125913		124165	150 tion..... 125681	320
theory.....	128075	360 Russia	124166	150 Convection, electromagnetic -	
theory	124210		123999	220 theory..... 123912	293
	125110	210 flight	128886	219 Convergence - mathe-	
	125919	355 mathematical -	127858	175 matics 125884	371
	125923	355 circuits	125612	Coolants:	
	125924	355 design.....	125612	361 engine - flow -	
Compounds, sealing -		navigational	127848	361 Switzerland.. 125206	247
tests	121911	uses	124653	151 flow - theory..... 125105	239
Compressors:		Concrete:		218 stability..... 124103	40
axial -		construction.....	124698	Cooling:	
blades -		curing - bibliog-		218 non-convective - calcu-	
design.....	125663	raphy	124636	lations..... 123912	293
	125667	382 mix proportions.....	124698	205 systems -	
flow.....	125663	382 slabs - penetration		218 components 121980	12
	125667	382 tests.....	124698	controls 124449	38
	125672	318 Condensation trails:		218 Cooperation, scienc-	
rotors - design....	125663	382 formation.....	125594	tific..... 122211	249
blades - vibration..	125213	247 photographic analysis.	125103	366 Coordinates, polar.124433	320
design	125872	381 suppression	126701	238 Copolymer(s):	
Computers:		Conductors:		368 fluorosilane..... 125204	207
analog	125919	355 semi -		preparation..... 131261	289
	125923	355 electrical conductiv-		131375	348
	125924	355 ity	124016	structure..... 124190	6
use in aircraft			125867	292 131261	289
design.....	126756	297 materials	128370	354 styrene compound.131261	289
uses	125759	360 research	125870	238 Copper:	
circuits -		super-electrical....	125867	357 damping capacity..121701	163
mathematical anal-		Cones - aerodynamics..	125657	354 electrodeposition..125203	349
ysis.....	125865	372 Confidence intervals	125745	98 erosion - effect of	
synthesis	125865	372 (mathematics)... 124235		384 atmosphere.. 123139	226
correlation functions.	123131	309		foil - bonding..... 121960	5
digital	111996 r	152 Connections:	371 nickel alloys -	electromagnetic	
	124771	310 riveted - tests	123636	95 properties... 125888	365
coding.....	121945	99 threaded - load distri-		thermodynamic	
	123933	219 button.....	131108	91 properties... 125888	365
components.....	125193	219 Connectors, electric:		oxidation..... 123139	226
design - Russia....	128885	221 design.....	131048	212 silver alloys - thermodynamic	
errors	124203	359 tests.....	131048	properties... 123998	9

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>
Cores:		Crew, air:			Crystals - (Continued)			
laminated - magnetic properties...	131130	215	performance	125230	171 recrystallization..	126168	299	
magnetic - magnetic properties.	124929	148	psychological factors..	124765	161 rock salt - thermal conductivity -			
materials.....	128092	215	training.....	125161	209 tests	125526	69	
radiation effects..	131014	167	Crocco method.....	125162	244 silicon			
temperature effects	131130	215	Cryostats - design...	124849	97 carbide - electrical			
tests	125193	219	Crystallography.....	124629	165 properties... 128023	356		
permalloy	128092	215	Crystals:	122965	19 junctions..... 121547	147		
Correlation:		alkali halide - optical		125870	357	128066	292	
coefficients.....	125528	312	properties....	124833	32 chloride - thermal conductivity -			
functions.....	123583	164	aluminum - creep	125072	tests..... 125526	69		
	125861	373	tests.....	125072	154 diffusion..... 122420	30		
Correlators, electronic - design.....	125996	291	ammonium dihydrogen phosphate	121878	nitrate - spectrographic			
Corrosion:		rupture.....	131255	7 analysis..... 124516	351			
bibliography	121963	65	analysis - methods..	124072	290 structure..... 131209	216		
effect of ultrasonic waves - Italy.....	121964	84	barium titanate - twinning.....	121342	291 determination..... 125166	9		
measuring equipment.....	128511	225	creep	131132	effect of pressure, 122420	30		
prevention.....	123395	11	damping capacity ...	121701	163 titanium - growth.. 131115	82		
theory.....	123395	11	density -		twinning..... 126168	299		
Cosmic radiation...	124590	34	determination.....	124072	291 units - design..... 111586 r	72		
geomagnetic effects.	124702	231	dielectric losses....	124071	292 x-ray inspection... 124281	69		
	124708	305	dislocation.....	125133	288Cuffs, resin..... 121884	38		
measurement.....	124702	231	theory	131132	230Culverts:			
	124708	305	electrical properties..	125529	211 design..... 123942	76		
research.....	124179	374	125532	146 flow	123942	76		
theory	124244	375	ferroelectric - thermal		146 material - tests... 123942	76		
	124883	241	properties.....	121949	Currents:			
Cost of production - estimates....	125029 s	7	fluorospar - dis-		141 ocean -			
Cotton - fungus resistance	131158	174	location.....	131133	mathematical analysis -			
Couett flow	124098	33	gallium arsenide - electrical	124155	Japan..... 124588	322		
Coulomb:		germanium -	properties.....	124155	measurement - Arctic			
functions.....	124888	314	bonding.....	121742	region..... 124106	179		
integrals - tables..	125853	376	electrical proper-		measuring equip-			
Counters:		ties.....	124155	14	ment..... 124891	102		
Cherenkov.....	124702	231	hardness - theory...	123542	velocity - measure-			
electronic - components.....	125905	353	ionic - electrical		ment..... 124891	102		
design.....	124759	297	properties.....	124833	Japan..... 124588	322		
Couplings, magnetic..	131236	216	lattices.....	125901	optical - distribu-			
Crates, wooden - specifications.....	131376	369	theory	124248	32 tion..... 125191	356		
Creep:		124281	146	Curve followers -				
effect		124281	69	design..... 131326	249			
of temperature....	131139	226	lead - creep tests..	125072	Cyclones:			
on stress.....	131139	226	magnetite - magnetic		154 dynamics..... 124100	159		
	131256	153	properties....	125037	structure..... 124100	159		
high temperature effects.....	131311	299	measuring equipment.	124071	Cyclosiloxanes:			
measuring equip-	131256	153	292 fluoroalkylmethyl -					
ment.....	131259	154	molybdenum -		polymerization... 131205	173		
design.....	121977	21	deformation.....	124483	158 preparation..... 131205	173		
	126640	155	electrical properties..	124483	158 Cyclotrons	124590	34	
	131143	76	structure	124483	frequency modulation -			
theory.....	121127	82	optical properties....	124281	69 Gt. Britain... 124572	375		
	126638	155	paramagnetic - reso-		Cylinders:			
	126639	155	nance.....	124093	210 circular..... 125183	382		
	126640	155	phosphorus - diffusion.	122420	30 drag..... 125743	382		
		piezoelectric -		stress analysis.... 124405	82			
		cutting.....	111586 r	72 torsion tests..... 124405	82			
		electrical properties.	111586 r	72 wind tunnel tests.. 124412	177			
		physical properties..	111586 r	72 elastic - reflective				
		testing equipment....	131255	290 effects..... 124099	14			
		uses	124248	146 mathematical anal-				
		quartz -		ysis..... 124017	312			
		growth.....	131087	143 reflective effects... 124855	292			
		temperature	131087	143	125225	213		

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>
Cylinders - (Continued)			Demodulators - (Continued)			Diffusion - (Continued)		
rotating - flow, laminar.....	125183	382	mathematical anal-		theory	122162	68	
			ysis.....	125880	354	122412	33	
			noise - analysis....	125880	354	122420	30	
D			Dental research.....	123824	224	Great Britain... 124585	374	
			Desert - humidity - effect of irrigation.....	125047	231	DINA - jamming effects.....	124627	
DAB (direction finder)	123380	73	Detectors:			Dioxane - re-		
Dacralon - prop-			gas -			actions.....	123726	
erties.....	121272	289	design.....	129033	296	Dipole moments -		
Damping:			infrared - sensitivity..	128370	238	calculation..	124190	
capacity -			ionization - design - Great			Disasters - re-		
measuring equipment -			Britain.....	124575	361	search.....	125156	
Sweden.....	122872	40	neutron - mathematical			125157	316	
theory.....	124439	31	analysis.....	131204	152	125158	316	
	131250	163	peroxide - design...	121854	360	125159	316	
wind tunnel tests -			scintillation.....	121955	168	Discharges, elec-		
Sweden.....	122872	40	Detergents:			tric	126409	
derivatives -			tests.....	123179	204	127132	366	
coefficients.....	124413	176	toxicity.....	124700	148	analysis.....	124286	
stability.....	124361	97	Detonation:			theory	124286	
	125742	384	models.....	128369	160	125163	291	
Darripometers - design -			photographic analysis.	128369	160	Discriminometers.	125223	
Sweden.....	122872	40	velocity.....	128369	160	Disks, rotating -		
Data:			Deuterons:			flow.....	124028	
analysis.....	125196	371	angular distribution..	124252	241	Dispersions,		
mathematical - deviation -			cross sections -			aqueous....	121531	
measurement... 125612		361	measurements..	124252	241	Display control		
processing, auto-			energy measurements..	124252	241	systems....	121979	
matic.....	124292	151	nuclear reactions....	124252	241	131173	220	
Russia.....	123999	220	Dew-point - measure-			Dissociation - spectrophotometric		
storage systems ...	124515	352	ments.....	125047	231	determina-		
circuits.....	122230	19	Diarrhea - diagnosis..	124538	20	tion.....	131035	
	122857	220	Dielectric(s):			DME (transpond-		
	124546	219	breakdown theory....	124755	234	ers).....	131138	
testing equipment...	131173	353	constants - measuring		Documentation -	143		
	125876	353	equipment.....	121943	66	research...	125764	
Deck openings -		220	gaseous - pressure - theory -			125765	387	
stresses.....	123319	101	Netherlands....	124766	312	Dogs - body temper-		
Decontaminants.....	123179	204	research	125870	357	ature.....	124618	
Decontamination -			Canada	122619	11	Dosimeters, water		
equipment....	123179	204	Diesters - radiation			equivalent....	124537	
Defibrillator-pacemakers,			124293		313	Downwash (aerodynamics) -		
design	121888	77	372 effects.....	131222	14	12 Drag, aerodynamic -		
Deflectometers.....	124726	302	Diffraction - theory..	124716		11 skin friction.....	123183	
Degradation agents				124855	292	164 theory.....	122379	
(rubber).....	125546	379	124869		125217	32		
	125547	379	intake - theory.....	124449	72	210 theory.....	124370	
	125548	380	subsonic - theory....	124449	11	Drift (navigation) - Arctic		
	125550	380	supersonic -			Ocean.....	124186	
	126535	379	flow patterns.....	131309	293	210 measurement... 128901		
De-icing systems:			pressure distribu-		39	124759	297	
electro-thermal -			tion.....	131309	38	methods.....	124759	
design.....	131032	37	theory	124393	38	Drosophila - genetic		
insulation.....	131070	247	124449		research....	124058		
Demodulation -			Diffusion:			Drums, steel - metal-		
theory.....	125880	354	grain boundary -			154 lography	131112	
Demodulators:			effect of temperature..	125072		25 Dry boxes:		
errors - analysis..	125880	354	theory.....	121484		design.....	131067	
						operation.....	131067	

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>
DTB DME (Trans-ponder)	131102	143	Electrodes, - (Continued)				Electronic - (Continued)	
Duck (textile) - dyes and dyeing....	122860	37	platinum-oxygen - tests.....	124900	72	cooling.....	121980	12
Ducts, air: inlet pressure.....	123591	164	rhenium - potential...	124141	146	design.....	121123	74
	124393	38	Electrodynamics - theory.....	125846	355	maintenance and repair.....	124734	146
	131166	248	Electrolysis: methods.....	121958	81	materials - thermal properties...	121980	12
	131316	318	Sweden.....	124924	81		121839	13
thrust effect.....	128900	381	theory - Germany....	122657	144		131157	71
	131166	248	Electrolytic: apparatus - Sweden..	124924	81	miniaturized - assembling methods....	128059	353
Dust:			cells -			radiation effects..	131014	167
meteoric - analysis - Russia.....	125553	231	chlorine production..	122679	8		131051	10
storms - formation - theory.....	125095	302	design.....	127878	290	reliability.....	121839	13
Dyes:			hydrogen-oxygen - tests -			sealing	131194	145
and dyeing - use as tracers.....	121652	93	Germany.....	122657	144	shock resistance.	121937	147
sulfur - use	122860	37	Electromagnetic: equipment and appar-			specifications...	121839	13
Dynamics, fluid	131008	76	atus.....	123912	293	research.....	124695	145
			theory	124214	355		125919	355
				125846	355		125923	355
							125924	355
E			Electromagnetophoresis - theory.....	123912	293	systems - maintenance and repair.....	125975	293
			Electron(s): angular correlations..	123964	10	Electrophoresis..	131062	7
E-21 (gas detector)..	129033	296	beams - collecting devices...	131212	143	Ellipsometers: uses.....	121982	10
Earths, rare:			electromagnetic effects	123400	214		125600	377
crystal structure...	126953	351	focusing	131257	215	Ellipsometry - theory.....	121982	10
	127239	351	mixing.....	131022	16	Embryology - experimental studies.....	124031	298
effect on metals....	125360	230	splitting - testing equipment.....	125099	293	Emulsion - stability.....	122665	149
ion exchange - Great Britain.....	124574	375	testing tubes - design.....	123411	214	Endocrine glands - effect of low temperature.	124533	21
properties - Great Britain.....	124574	375	collisions	124883	241	Energy: conversion.....	131218	293
x-ray inspection - Great Britain..	124574	375	density.....	123465	5	measurements...	124866	34
			diffraction patterns..	128209	228	transmission.....	131264	354
Eddy currents - effects.....	128365	159	discharge - Germany..	125852	356	theory.....	124286	291
Eggs - virus infection.....	124031	298	emission.....	125919	355		125163	291
Ejectors, air - flow- theory.....	127617	384	field	131000	12	France	125607	233
Elasticity:			temperature	131000	12	Engineers	127310	308
measuring equip- metn.....	123589	166	interactions.....	124093	210	highway - performance.....	124653	218
modulus - deter- mination.....	123589	166	124677	241	Engines:			
theory.....	125199	240	124888	314	aircraft -			
	125626	373	125544	375	cooling systems -			
Electric:			ionization - theory..	131134	73	Switzerland..	125206	247
arc - theory.....	124286	291	motion - theory.....	124231	166	maintenance and		
	125163	291	scattering - theory..	123964	10	repair.....	131226	291
Germany.....	125852	356	velocity - measure-			diesel - fluid in-		
conductivity.....	125867	354	ments.....	123400	214	jection.....	131316	318
measurement - apparatus....	125541	354	Electronic(s): devices.....	131000	12	Enthalpy.....	128374	233
theory.....	124868	15	equipment -		Entropy - variables -			
power - sources...	131218	293	acoustic tests.....	121937	147	equations... 128374	233	
Electrodes:			airborne - components -					
iron - polarization..	124488	79	temperature...	121980	12	Environment - physiological		
materials.....	125575	214	anchors.....	124856	211	enzymes:		
metal - polariza- tion	125575	214	components.....	121839	13	physiological		
			design.....	124505	145	effects.....	124607	34
oxygen - polariza- tion.....	125200	212	failures	121123	74	proteolytic	125185	223
	127878	290	temperature.....	131157	71	Equations:		
			vibration tests....	121937	147	differential.....	122127	91
							122453	31

PB	Page	PB	Page	PB	Page
Equations - (Continued)		Executive ability -		Fatigue - (Continued)	
differential - (Continued)		analysis.....	125231	testing equipment (Con-	
123131	309	Explosions, fireworks -	Houston,	tinued).....	125673
123176	239	Texas.....	125158	316	297
124433	320	Explosives:			128373
124844	31	blasting - effects...	124727	296	227
124911	92	burning rates.....	124254	28	301
125137	311	detonation		Fatty acids - adsorp-	
125212	373	pressures.....	123202	28	141
125859	373		128369	Feedback - theory.....	122862
125884	371	temperature.....	128369	160	15
127335	90	velocity - measure-		160	123218
linear	124202	ment.....	123202	Ferrite(s):	124083
	373		28	electrical prop-	314
	165	drop tests	124254	erties.....	131053
	165	particle size.....	128369	28	70
	311	sensitivity -		electromagnetic	
Germany.....	124218	372	128369	properties... 131052	
non-linear.....	124017	309		ferromagnetic -	
	312	tests.....	124254	theory.....	131053
integral.....	124630	164	125920	28	70
	123086	testing equipment -	124254	magnetic proper-	
	311	design.....	128369	ties.....	131257
	124206	370		theory.....	125041
linear.....	125134	Extensometer(s)		28	159
	164	design.....	126640	Ferroelectric materials -	
	124219	165		high temperature	
	165		155	properties.. 121949	
	125121			78	141
	125544	375	131104	Ferroelectricity -	
	125736	383	131143	76	
nonlinear.....	125134	tests	131104	research.... 125870	
of motion	124762	164	125908	78	357
	212	Extrusions - tests...		Ferromagnetic materials:	
	Eyes:			89	
	312	color sensitivity.....	125186	losses..... 131052	
	320	light sensitivity.....	125186	magnetic properties -	
	178	movements.....	124121	measurement 131053	
	124363	159	124532	298	70
	photographic analysis.	321		non-metallic -	
	125041			93	
	125091	372		theory..... 131053	
	127335	90		35	70
	128891			Ferromagnetism - re-	
	318	F		search..... 125870	
Equilibrium - theory -				Fertilizers, phosphoric - eval-	
Belgium.....	125180	312		uation..... 123908	
Equipment:		Fabrics:		Fibers, cellulose - drying -	
army - packaging...	131332	cotton -		Sweden..... 124748	
design -		306		Fibrous materials - testing	
psychological		coatings, fungicidal..	131158	methods.... 125601	
aspects.....	131248	dyes and dyeing....	122860	174	
research.....	121802	impregnated -		Films:	
Equivalence point -		315		37	
calculation....	124721	physiological effects..	131199	alkali halide - optical prop-	
Erythrocytes:		95		erties..... 123469	
agglutination.....	124617	tests	131199	169	
antibody reactions...	124009	parachute -		lubricant - tests.. 121922	
count.....	121984	239		169	
destruction.....	124009	dacron - effect of		124357	
research - laboratory		chemicals.....	121679 s	metallic - lubricating prop-	
methods.....	124009		37	erties..... 125737	
Esters, fluorinated - lubricating		222	96	monomolecular -	
properties....	125043	nylon	131030	adsorption..... 125376	
Etching.....	128367	20	37	131013	
Ethers, polyvinyl methyl - radi-		298	96	131020	
ation effects ..	131003	permeability	127751	175	
Eugenics - Japan ...	124692	Facilities, engineering-		physical proper-	
Euler-Poisson-Darboux theory		298		ties..... 131013	
(radiation)....	124767	design.....	131160	131020	
Evacuation - economic		Factor analysis.....	241	139	
aspects.....	125156	295	309	photography -	
Evaporation - theory -		Fairfieldite - crystal		emulsions..... 125856	
Canada.....	125562	137		370	
Excavation - methods.	124727	structure.....	125166	grain..... 131141	
	245	Fatigue:	9	87	
	313	auditory - tests.....	121807	identification.... 131230	
	313	psychological effects..	121369	296	
		structural.....	170	optical proper-	
		31025		ties..... 131141	
		photomicrography...	170	87	
		tests.....	131025	131230	
			23	296	
			23	printing..... 124796	
			124417	137	
			125879	resolving power.. 131141	
			363	87	
			125879	sensitivity..... 125856	
			363	370	
			121369	x-ray - calibra-	
			170	tion 128370	
			22	238	
			124668	22	
			125076	370	

	PB	Page		PB	Page		PB	Page
Films - (Continued)			Flame - (Continued)			Flow - (Continued)		
potassium			hydrogen cyanide-fluorine-			compressible - (Continued)		
bromide - optical			oxygen.....	121928	18	theory - (Continued)		
properties.....	123469	208	kinetic theory.....	121892	18	131153	96	
chloride - optical				124103	40	131154	97	
properties.....	123469	208	Canada.....	125187	217	131155	96	
iodide - optical			luminescence -			conical - theory..	125671	311
properties.....	123469	208	measurement....	131037	248	hydrodynamic -		
protective - tests -			oxy-methane - spectrographic			Sweden.....	124747	306
bibliography...	123741	137	analysis.....	128892	295	incompressible -		
thickness -				131315	295	theory.....	123183	32
measurement..	121982	10	photographic				125747	384
Filters:			analysis.....	131314	296		126572	309
band-pass.....	128371	211	propagation.....	124103	40	jet mixing.....	128894	385
impedance - theory.	124870	15	effect of turbulence..	121892	18	131306	308	
theory	124248	146		131140	89	measurement... .	124103	40
crystal - design...	124248	146	theory.....	124733	149		125754	385
electric - theory...	123218	15		125622	217	photographic anal-		
low pass -				131156	70	ysis.....	125103	238
design.....	125877	353		131314	296		128893	385
effects.....	126365	292	Canada	125187	217	simulation.....	124476	102
microwave -			properties.....	124733	149	theory	121230	163
design.....	125877	353		124845	17		127617	384
theory.....	125877	353	spectrographic analysis -			laminar -		
smoke	125198	366	Canada.....	125187	217	heat transfer....	124395	31
Finkelnburg's theory - (electric arc			stability.....	121892	18	124646	248	
discharge)....	125163	291		124103	40	measurement... .	125680	320
Fire(s):				128901	357	theory.....	121230	163
control equipment -				128902	358		124433	320
design.....	123331	71	stabilization.....	131307	294		126572	309
extinction.....	121332	246	temperature - measure-					
extinguishers,			ment.....	121928	18	mixed - theory... .	121230	163
boroxine.....	121986	207	velocities.....	121928	18	123409	147	
foam	131165	352		125622	217	123591	164	
tests.....	127838	176	effect of tube length..	131307	294	one dimensional... .	128374	233
fighting equipment..	121332	246		131314	296	pressure dis-		
airplanes.....	121332	246	measurement.....	128901	357	tribution....	128898	371
design.....	121986	207	theory.....	124733	149	plastic - theory.. .	125908	89
magnesium - extinguishing				125075	148		126168	299
agents.....	121986	207		131156	70	subsonic -		
prevention -						mathematical		
airplanes.....	124364	96	Flaps:			analysis.... .	125740	370
	127838	176	aircraft -			measurements... .	125754	385
Fish:			controls.....	125676	320	pressure distri-		
freezing - Europe...	123909	75	hinge moments....	125676	320	bution.....	128891	372
frozen - storage -			overhang.....	125676	320	theory	124449	38
Europe.....	123909	75	Flavanone - glucosides - chromato-			125736	383	
marketing - Europe..	123909	75	graphic analysis..	123991	208	wind tunnel tests.	124418	100
processing machines -			Flight:			supersonic.....	125657	98
Europe.....	123909	75	control equipment -			measurements... .	125676	320
Fission products:			tests.....	131189	244	photographic anal-		
analysis.....	121689	69		131251	216	ysis.....	124158	87
	121690	69	path -			pressure distri-		
determination.....	121690	69	calculation.....	127386	177	bution.....	128376	246
Fittings:			computation.....	127858	175	simulation.....	124476	100
aircraft.....	128996	299	tests.....	123185	248	theory	124412	177
hinged.....	128996	299	Floors and flooring:				125741	384
Flakenol I (trade			durability.....	131101	221		125750	384
name).....	127417	227	materials.....	131101	221		125751	383
Flame:			plywood - tests.....	131101	221		128376	246
detonation - luminescence -			Flow:			Israel.....	124629	165
Gt. Britain....	128369	160	axially symmetric -			thermodynamics..	124411	31
effect of pressure..	131315	295	theory	125226	371	wind tunnel tests.	121708	40
hydrocarbon -			compressible -				124158	87
air velocity -			mach number effects..	125183	382		124729	319
Canada.....	125187	217	theory.....	125671	311	three dimensional -		
				128888	373	simulation.....	111792	356

<u>PB</u>	<u>Page</u>	<u>PB</u>	<u>Page</u>	<u>PB</u>	<u>Page</u>
Flow - (Continued)		Food:		Frozen ground..	131243
three dimensional - (Continued)		bacteriology.....	124700	properties.....	296
theory	124433	browning reaction...	121962	Fuels:	124727
transonic - theory...	125745	color - effects of radi-	75	atomization.....	296
turbulent -		ation.....	121962	aviation -	
heat transfer.....	124395	effect of radiation...	121961	atomization.....	121855
	131151	flavor - effects of	16	chemical prop-	152
incompressibility...	124753	radiation.....	121925	erties.....	124432
measurement.....	121652	frozen -	16	effect of static..	157
	124103	bacteriology.....	125953	ignition.....	131386
	125680	precooked.....	294	127339	323
	125754	preservation - effects of	294	127339 s3	152
	131306	radiation.....	121925	physical prop-	
theory.....	124098		16	erties.....	124432
	125738		121961	storage.....	157
	125861		121962	burning rates....	131076
	128888		131169	121892	295
viscosity effects....	125861	radiosterilization	294	combustion -	18
viscous -			131171	216 effect of	
pressure distribu-				16 particle size...	128901
tion.....	125676			75 temperature -	357
theory	124287	costs, estimated....	131171	Canada.....	125026
	124707	sterilization -	121961	216 hydrogenation....	385
Fluids, compressible -		methods.....	121961	16 ignition - fire hazards -	126629
flow.....	131316		121962	tests	359
Fluorescence:			131169	125164	319
measurements - effect of refraction		storage.....		16 liquid -	
indexes.....	125644			75 atomization.....	131008
measuring equip-				16 combustion.....	76
ment.....	121266				125855
Fluorine:					128902
compounds -					358
organic -					
preparation.....	128530	molecular structure..	123417	Formaldehyde:	
reactions.....	123174	spectrographic analy-	123417	14	
preparation.....	123174	ysis.....	123417	synthetic - pro-	
	127881	Formamide - spectrum	123417	duction.....	124964
reactions.....	127881	analysis	124901	124965	218
determination.....	131088				
	131359	Formic acid:	138	Fungi:	
ions - polarization..	125544	molecular structure...	123417	culture.....	216
Fluorocarbons:		351	14	nutritive value...	216
derivatives - prepa-		spectrographic anal-		Fungicides - eval-	
ration.....	123174	ysis.....	123417	uation.....	131158
synthesis.....	123174	Fouling - prevention...	123395	11 Furnaces:	174
Fluoro-organic compounds -		Fourier analysis.....	124844	31	high temperature -
synthesis.....	131178		125120	163	design.....
Flutter:			125225	131121	79
prediction.....	125763	128075	355	resistance.....	131121
research - G t.				solar -	79
Britain.....	125758	Franck - Condon prin-		design.....	121930
theory	125213	ciple	124709	19	
Flying, high altitude..	128372	382	303	125051	151
Foaming agents -		Frequency stabilization - measuring		121930	19
properties.....	131287	equipment.....	120724	10	
Foams:				125051	151
alkyd-isocyanate -				theory	121930
uses.....	131123	Friction:	383	19	
chemical -		boundary.....	125871		
corrosive effects..	131018	247	131020	vacuum -	
preparation.....	131287	333	140	228	
tests	131165	Germany.....	125192	design.....	131121
thermal properties.	131287	coefficients.....	123183	32	79
uses.....	131287	effect of temperature..	121944	operation.....	131121
plastic - production.	131123	measurement.....	128558	22 Fuselages:	79
				232	
		measuring equipment -		stability - wind tunnel	
		design.....	124357	tests.....	100
		153	295		
		surface conditions....	124357	124438	99
		352	295	static tests.....	99
		Friedel theory (thermo-			
		352			
		dynamics)....	131098		
		352	227		
		Frontogenesis - com-			
		ponents.....	124659		
		352	28		
		Fronts (meteorology)...	124659	Gages:	
				fuel -	
				fire hazards -	
				tests.....	125164
					319

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>
Gages - (Continued)			Gas(es) -(Continued)			Goajira Peninsula,		
strain -			temperature meas-			Colombia...	124092	322
uses.....	131149	76	urements....	131308	312	Gold foil - electron trans-		
thickness - per-			ultrasonic method..	131147	90	mission....	123964	10
formance....	120624	19	thermal			Goniometers	123338	11
Gallium, liquid - optical			conductivity	131308	312	design.....	122298	150
properties....	125874	363	properties.....	122103	40	uses	127841	144
Gamma rays:			thermodynamic			Graphic:		
attenuation.....	125085	374	properties....	124411	31	arts	128367	137
effects.....	131222	313	Gaseous mixtures -			methods.....	127836	177
emission.....	125222	312	thermodynamics..	126443	351	Greases:		
intensity - measuring			Gaussian law (Math-			anti-rust - tests..	131203	148
equipment....	124537	34	ematics).....	124888	314	high temperature -		
nuclear reactions..	131160	241	Generators:			additives.....	121991	17
protection.....	125085	374	aircraft -			thickening agents.	131078	149
scattering.....	124001	211	electrical proper-			lubricating prop-		
	125083	167	ties.....	126142	293	erties.....	121914	17
measurement.....	127854	168	temperature -			performance	131078	149
shielding.....	125085	374	measurement....	128526	247	properties.....	131078	149
Gas(es):			tests	126142	293	testing.....	131078	149
adsorption measure-			design - Russia.....	128887	218	Green's function..	124206	370
ment.....	122862	141	engine driven -				125224	210
analysis.....	127132	366	starting.....	124857	12	Group behavior...	122248	171
methods.....	125881	227	high frequency -				124233	378
atmospheric -			design	123912	293		124615	172
absorption.....	124011	223					124620	243
	126113	304	permanent magnet -				124763	169
measurement.....	125188	305	design.....	121946	75		124847	35
breakdown theory....	131134	73	pulse	125869	357		124895	36
combustion -			signal - operation...	125831	75		125119	169
temperatures.....	121928	18	ultrasonic - design -				125161	209
theory.....	125005	357	Italy	121964	84	tests.....	124288	171
detonation.....	128369	160	Van de Graeff.....	124883	241		124932	243
dissociation.....	131040	89	Genetics - research..	124058	298		125162	244
flow.....	128898	371		124618	314		125230	171
compression			Geography, economic...	125602	386		125576	95
shocks.....	131140	89	Geology - Galveston Bay,			Gun(s):		
effect of heat -			Texas.....	125606	385	electron - design..	123400	214
France.....	125607	233	Geometry, optical -				123410	213
heat transfer -			theory.....	125191	356		123411	214
measurement.....	124103	40	Geophysics	125196	371		131201	142
	131040	89	Germanium:			Howitzer -		
measuring equip-			compounds, organometallic -			lubrication....	125912	358
ment.....	126409	373	trimethyl.....	124899	67	performance....	125912	358
	131040	89	conductivity.....	125024	144	Gust loads:		
heating -				125541	354	mathematical anal-		
electrical	126409	373	electrical properties.	124214	355	ysis.....	124360	178
	127132	366		125541	354		124415	320
equipment.....	125094	359	resonance levels....	125024	144		125036	366
high temperature - energy			surface properties...	125024	144		125728	382
functions.....	126409	373	Glass:				125752	383
ionization -			chemical composition..	128535	235	velocities.....	125746	368
Germany	124108	375	radiation effects.....	128535	235			
measurement.....	125915	372	silicate - research...	124900	72			
ionized -			stresses.....	122160	235	H		
electron density -			structure -					
theory.....	125388	144	effect of					
temperature.....	131276	304	pressure.....	122160	235			
liquid mixtures -			temperature.....	122160	235			
analysis.....	126443	351	tensile properties...	124116	159	Hadamard's equa-		
pressure - effect of			Gloves, military -			tion.....	124206	370
heat.....	126409	373	design.....	131192	169	Hafnium tetrachloride:		
refractive index -			Glutaric acid - derivatives -			molecular weight..	124170	68
Netherlands....	124766	312	preparation.....	125043	295	x-ray inspection..	124170	68
scattering - Great			Glycols - derivatives -			Hair - effect of radi-		
Britain.....	124577	375	preparation.....	125043	295	ation.....	124008	376
						Hall coefficient...	125888	365

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>
Halogen compounds:		Helicopter(s)			Housing, emergency.	125156	316	
preparation.....	127881	288 blades -			Hulls - corrosion - prevention -			
reactions.....	127881	288 bending moments..	124413		176 Russia.....	125015	385	
Hamiltonian equa-		hinge effect.....	125669		319 Humidity:			
tions.....	125233	309 oscillation.....	125669		319 atmospheric -			
Handgear - design...	131192	169 performance - tests..	124404		176 Germany...	125552	232	
Hands - measure-		pitching moments -			testing equipment..	126108	297	
ment.....	131192	169 effect of com-			Hummerite - micro-			
Hankel functions....	124099	14 pressibility.....	124404		176 structure...	127074	368	
Harbors - analysis..	127749	101 wind tunnel tests....	124413		176 Hurricane(s):			
Harmonic:		hovering.....	121979		247 development.....	125074	233	
analysis.....	124089	73 effect of compress-			125101	234		
Belgium.....	124503	173 ability.....	124404		176 Hazel	125101	234	
functions	125180	312 instrument panels....	121979		247 seismological data..	124822	87	
Hartree-Fock		92 rotors -			125074	233		
equations....	124888	314 models - tests.....	124475		125101	234		
Hastelloy X (trade		pitching moments...	124414		176 Hydraulic(s):			
name).....	122608	slipstream.....	124442		39 equipment -			
Heart:		82 tandem -			design.....	125883	218	
effect of shock....	123447	flight tests.....	124406		98 parts - tests....	125883	218	
electrocardiography..	121888	224 stability.....	124406		98 fluids -			
	123446	77 speed.....	125744		384 effect on rubber..	131042	18	
Heat:		223 vibration.....	124406		98 ignition.....	131042	18	
diffusion - theory -					319	131193	149	
Sweden.....	124925	wind tunnel tests....	124475		38 noninflammable - fluorine			
exchangers -		167 Helium:			content.....	127881	288	
design.....	121284	compressibility -			oxidation.....	121990	17	
tests.....	121284	78 measurement...	122940		238 physical proper-			
theory.....	121234	78 heat transfer -			ties.....	121957	217	
physiological effects.	124637	175 measurement....	122940		238	131042	18	
	125177	34 ionization - measure-			silicates.....	121957	217	
storage devices....	121980	242 ment.....	125915		131042	18		
transference -		12 refractive index -			specifications....	131042	18	
aerodynamics.....	121938	Netherlands....	124766		131193	149		
	124366	92 Helix - mathematical			tests.....	131012	18	
	124395	98 analysis.....	131031		131193	149		
coefficient.....	121938	31 Hemodynamics - tests.	121984		20 thermal proper-			
measurement.....	124177	92 Heredity - research -			ties.....	121957	217	
measuring equip-		240 Japan.....	124692		238	128088	359	
ment.....	124177	Heterocyclic compounds -			systems -			
France	125607	240 analysis.....	131377		352 components.....	121957	217	
theory.....	121980	233 Hewettite - micro-			materials - tests..	128373	227	
	124103	12 structure.....	127074		368 theory.....	124300	246	
treatment - equip-		40 Hexane:			Hydrazyl:			
ment.....	131116	248 breakdown	124829		142 compounds.....	124907	68	
Heaters, air -		239 dielectric properties..	124829		142 derivatives - re-			
design.....	124769	309 1, 6-diol dinitro - decom-			actions.....	124907	68	
Heating:		92 position.....	122948		206 1-picryl-2, 2-dia			
aerodynamic -		2, 5-dimethyl-2, 5-diol dinitro -			ryl.....	124907	68	
measurement....	125871	decomposition....	122948		206 Hydrides:			
structural effects..	128666	79 2, 5-diol dinitro - decom-			rare earth.....	126954	351	
	131072	position.....	122948		dissociation.....	128973	350	
induction -		High temperature:			127241	351		
equipment.....	126873	creep tests.....	125211		127242	351		
	131241	383 thermodynamics....	121928		101 preparation.....	127241	351	
tests.....	131072	245 Hoisting equipment..	121920		Hydrocarbons:			
theory.....	131072	317 Hoists, hydraulic	121920		101 analysis.....	131247	351	
Heider's theory -		Hormones:			physical properties - effect			
(psychology)...	124620	350 adrenocorticotropic - physiological			of molecular			
		228 effects.....	124188		structure...	126629	359	
		317 gonadotropic - physiological			Hydrodynamics -			
		317 effects.....	124074		377 theory	125662	100	
		pituitary.....	124188		222 Hydrofluoric acid -			
		243 Hosiery, nylon - stretch			uses.....	121864	350	
		type	125426		204			
		Hostility - research..	124620		243			

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>
Hydrogen:		Ignition:			Instructors, aviation -			
active - reactions ...	125548	380 research.....	124103	40	evaluation...	124849	97	
	125549	380 spark - tests.....	131131	229	Instruments -			
	126535	379 testing equipment -			aeronautical.....	125657	98	
determination.....	121761	8 design.....	127339	151	acceleration....	128372	233	
effect on titanium...	125201	225	127339 s3	152	effect of location on instrument			
ions - diffusion.....	125149	89 Illumination - measure-			panel.....	131189	244	
peroxide -		ment.....	128525	244	helicopters.....	121979	247	
analysis.....	131265	140 Impact:			psychological			
decomposition.....	124854	8 testing equipment...	126199	150	aspects.....	131189	244	
	131265	140 calibration.....	131117	79	research.....	131189	244	
handling.....	131265	140 tests.....	123360	160	electric -			
oxidation.....	127878	290 thermal.....	123591	164	design.....	125906	19	
research.....	122156	8 Impactors, cascade -			quenching.....	131111	77	
stability.....	122156	8 design.....	121892	18	electrocardiac -			
storage.....	131265	140 Impedance:			design.....	121888	77	
vaporization.....	124854	8 matching.....	124870	15	electronic - design -			
reaction with bro-		measurement - equip-			Russia.....	128887	218	
mine	121892	18 ment.....	131046	77	measuring -			
Hydrography - Caribbean		Indexing.....	128366	162	coatings - thick-			
Sea	124086	321 Indicators:			ness.....	120624	19	
Hydroxides, metallic -		air position controls..	131211	170	electrical.....	121947	19	
reactions.....	123737	209 carbon dioxide -			noise.....	125147	303	
Hygrometers -		tests.....	120568	152	Switzerland....	123108	213	
design.....	126108	297 dial	131173	220	pressure.....	127241	351	
Hyperbolic functions..	124206	370 flight level.....	131211	170		131146	76	
Hyperlipoproteinemia - effect of		position - design....	123544	71		131148	76	
diet.....	124535	21 turn.....	131211	170	lag	131321	360	
Hyperon - decay -		Induction, electro-			refractive index ..	124547	29	
tables.....	125634	168 magnetic.....	131218	293	soil density....	124930	221	
Hypothalamus - physiology - effects		Industrial research....	124174	102	temperature....	128526	247	
on shivering...	125847	362 bibliography - Aus-			waves.....	127749	101	
Hysteresis, magnetic -		tralia.....	122887	102	meteorological...	125198	366	
theory.....	124089	73	122888	102	nuclear	124178	313	
	131209	216	124710	102		131204	152	
			125228	347	optical - retina			
					sensitivity..	124642	93	
I		Industry:			radiation detec-			
		organization,			tion.....	121955	168	
		control	125028	347				
			125029	31	Insulating materials,			
Ice:					7 aircraft.....	131070	247	
bibliography.....	125828	205	125030	31	Insulation, electrical -			
	125902	288	125031	32	properties...	131254	289	
crystals -		planning	131300	250	Integration, numer-			
density	125901	303 Infections, bacterial -			ical.....	124205	30	
formation - Ger-		resistance -	125221	224	Intercommunication systems:			
many.....	125552	effect of radiation			aircraft - records -			
formation - temper-		232 Information:						
ature.....	124395	coding.....	125764	361	analysis.....	125161	209	
friction - measure-		31 theory	124904	315	design.....	124994	209	
ment.....	128558	232	125016	353	operation.....	124994	209	
loads.....	124726	302	128521	243	Interference, aerodynamic:			
mechanical prop-		transference.....	123928	151	theory.....	124370	39	
erties.....	125901	303 Infrared:				124371	40	
motion	124726	302 absorption.....	125188	305	Interferometers:			
Greenland.....	125551	232 bibliography	121998	5	Mach - Zehnder..	121423	150	
nucleation.....	131243	296 radiation - trans-				124177	240	
strength.....	124726	302 mission.....	131032	37	phase shifting...	124776	86	
structure - Green-		reflectivity - measure-			ultrasonic -			
land.....	125551	ments.....	131032	37				
thermal conduc-		Inhibitors:			design.....	121701	163	
tivity.....	125387	chemical.....	121864	350	Interlayers - ma-			
thermodynamic prop-			121991	17	terials.....	125204	207	
erties.....	125901	303 corrosion - mate-	121864		Intermetallic compounds -			
Icing tunnels.....	131070	247 rials.....	128511	350	tests.....	121948	26	
				225	Interphones -			
					tests.....	126140	292	

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>
Interviewing - procedures....	122317	170	Isotopes:			Jet engines - (Continued)		
	124133	87	separation -			turbo-jet - (Continued)		
Intestines - bacteriology....	125220	223	methods.....	123587	242	governor.....	125675	318
Invariance - theory..	124513	372	theory.....	123587	242	noise -		
	125532	146				measurement...	128001	384
			J			reduction.....	128001	384
Ionization chambers - calibration....	131186	168				propulsion -		
						acoustic.....	128893	385
Ionosphere:			Jamming transmitters..	123361	73	research.....	124103	40
electron densities..	125054	159	airborne - tests.....	123358	11		128895	386
	125080	232	tests.....	123359	71		128896	381
models.....	125080	232	Jet:				128900	381
oxygen content....	125054	159	air - supersonic -				128902	358
research.....	124679	28	flow	123591	164		131167	178
	125080	232	engines -				131318	321
France.....	125607	233	bearings.....	121935	39	theory.....	123583	164
Ionospheric - measurements.....	124679	28	combustion chambers -				127617	384
	125054	159	pressure.....	128900	381	units - materials	131312	295
Ions:			temperature.....	128900	381	Job analysis.....	124764	162
absorption.....	124833	32	fuels -				125885	308
exchange.....	131218	293	analysis.....	131247	351	methods - eval-		
processes - theory -			combustion.....	127339	151	uation.....	125207	370
Germany.....	124108	375		127339	s3	152 Joints:		
interactions.....	124833	32	properties.....	131314	296	adhesive bonded -		
negative - motion..	124833	32	tests.....	126629	359	stress distribu-		
positive -				127339	151	tion.....	125890	370
acceleration.....	121757	14	vaporization.....	125594	366	theory	125890	370
motion.....	124833	32		131314	296	anatomy -		
steric effects....	125848	376	pulse-jet			motion.....	131271	377
Iron:			combustion.....	128896	381	bonded - strength.	121553	23
alloys -				128899	381	brazed -		
chemical analysis..	122689	157	performance....	131166	248	copper.....	121553	23
ductility.....	122761	157		131167	178	silver	121553	23
hardness tests....	122689	157	pressure - measuring	131318	321	threaded -		
	122761	157	equipment....	131146	76	strength... 131108	91	
impact tests.....	122761	157	temperature - measure-			welded -		
magnetic proper-			ment.....	131147	90	cracking.....	121877	226
ties.....	131209	216	thrust - measure-			molybdenum....	128527	228
tensile tests.....	122689	157	ment.....	124475	38	shock tests,		
weldability - tests..	122761	157		131149	76	thermal.....	121877	226
chromium-cobalt alloys -				131166	248	titanium.....	128518	230
aging.....	122660	230	valveless - fuel			Jominy tests.....	124091	156
hardness - measure-			systems.....	128896	381	Jupiter - radia-		
ments.....	122660	230		128899	381	tion.....	131284	367
x-ray inspection...	122660	230	valves - flow					
corrosion -				131153	96	K		
bibliography.....	121963	65		131154	97	Ketones, unsaturated -		
	131006	65		131155	96	preparation..	131055	138
tests - Italy.....	121964	84		131318	321	Kinetic:		
electrolytic - chemical			wind tunnel tests...	124475	38	38 reactions -		
properties....	124488	79	ram jet -			chemical.....	123726	205
Isotopes - gamma			combustion - measure				124854	8
spectra.....	125378	167	ment.....	128312	358	gaseous.....	121341	68
nickel alloys - oxi-			performance	131167	178	molecular.....	131020	140
dation.....	122410	25	turbo-jet -			Canada.....	124709	303
oxides - lubricating			air inlets - theory..	124393	38	theory - Germany.	122246	70
properties....	124357	295	controls	125675	318	Kirchhoff's law...	125112	11
	125737	365		125683	381		125121	165
Isocyanates, di-			cooling	124449	38	Kohn-Hulthen theory (particle		
polymers.....	125546	379	effect of tempera-			scattering) ...	124660	212
reactions.....	125546	379	ture.....	124393	38		124741	90
	125548	380	flow	125683	381	Kuroshio current -		
	125549	380	fuel(s).....	131076	295	Japan.....	124588	322
	126535	379	injection - Canada.	125026	385			
			systems.....	125675	318			
				125683	381			

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>
			Light(s) - (Continued)			Load(s) - (Continued)		
			intensity - recording			theory.....	124367	89
L.			equipment....	131015	208		124758	89
				131037	248		125728	382
			physiological				131061	81
			effect.....	124074	377		131182	226
Laboratories:			scattering.....	125191	356		131252	155
altitude	131326	249	measurements ..	123286	86		131373	363
radiation - calibra-				123738	91	Loading equipment.	121550	248
tion	131097	41				Logarithms	121966	30
Lagrange equations.	125751	383	measuring equip-	123738	91	Logic (mathemat-		
	128891	372	ment	131172	168	ics).....	124719	164
Landing:			tables.....	131282	241		125859	373
approach	131462	387	theory.....	124497	141	Logistics - operation		
craft.....	127749	101		124501	141	maintenance..	121993	41
Lanterns:				131015	208	Loops, magnetic ..	131209	216
ultraviolet -			sources.....	121423	150	Lorentz transformation		
design.....	120593	151	electrolumines-	125142	87	theory.....	124910	90
tests.....	120593	151	cent.....			Lorentz - Weisskopf		
Lanthanum:						theory.....	125068	208
crystal structure..	127239	351	Linear systems:					
monoxide - crystal			analysis.....	124439	31	Losses:		
structure	126955	351				electrical - theory.	124754	72
Laplace functions..	124844	31	computing					
Latent heat - deter-			methods	121945	99	mathematical -		
mination.....	124095	305		124830	310	theory.....	124205	30
Lead:				125029	31	Lubricants:		
azide - decomposition				125030	31	additives - analy-		
Gt. Brit.....	128369	160	bibliography.....	125031	32	sis	131063	8
creep tests	121127	82	Lines, delay:	125028	347	aircraft	131078	149
	126638	155	filters - theory...	123218	15		131193	149
	126639	155	tests	125052	240	radiation effects..	131203	148
	126640	155	Liquids:			tests	121914	17
extrusion.....	125908	89	effect of ultra-			dry film - tests ..	121885	26
metallurgy.....	121127	82	sonics	128665	239	high temperature - thermal		
Leadership.....	122248	171	flow - mathematical			properties....	128088	359
statistical analy-			analysis	125376	166	solid - effective-		
sis	124233	378	surface tension -			ness	125737	365
tests.....	124589	94	measurement.	125858	373	specifications....	121914	17
	125119	169	viscous - cavita-			stability.....	131106	79
Learning:			tion	128665	239	radiation effects.	121914	17
psychological			Lithium:			synthetic -		
factors	124012	315	aluminum hydrides -			analysis	131063	8
	124540	35	reactions	124978	138	radiation effects.	131222	313
	131023	94	hydride - energy			thermal proper-		
theory	122317	170	levels	125544	375	ties.....	128088	359
Leco CD-10 (conductometric car-			Load(s):				131038	17
bon determina-			aerodynamic -			testing equipment.	121922	17
tor).....	131119	69	elasticity	124801	32	Lubricating oils:		
Lenses:			theory.....	124412	177	additives - high tempera-		
contact -				125662	100	ture	121990	17
effects	128520	237		125746	368	anti-corrosive...	131203	148
evaluation	128520	237	axial.....	131371	363	evaluation	125912	358
dielectric - design.	131041	308	theory.....	131061	81	synthetic -		
focus	131041	308		131182	226	reclamation....	131181	149
Luneberg -				131252	155	specifications...	131181	149
design.....	131041	308	carrying - physiological			tests	131181	149
refraction indexes.	124547	29	effects.....	124962	243	testing methods -		
Lift:			dynamic.....	131311	299	Germany	122859	149
coefficient.....	124360	178	landing - impact ..	125662	100	tests.....	131012	18
	124414	321	linear - theory...	124758		89 Lubrication - testing equip-		
	124418	100	structural -			ment.....	131113	84
theory	125736	383	bending.....	123636	95	Lungs:		
Light(s):			compression....	131259	154	physiology.....	124011	223
approach - design.	127845	177	dynamic.....	125728	382	pressure - measure-		
	127852	177	tests	124405	82	ments.....	124531	21
	127856	177	shear	131259	154	Lymphocytes - re-		
						search.....	123037	223

	PB	Page	Magnetic - (Continued)	PB	Page	Material - (Continued)	PB	Page
M			measuring equipment.....	125527	90	handling.....	128964	369
M25Al (grenade) ..	129072	288	Gt. Brit.....	124575	361	magnetic proper-	131209	216
M-33 (mechanic proficiency test)	129373	369	theory.....	125568	357	ties	125601	380
Mach number:				125572	75	testing - methods.		
effect	121708	40	materials -	131257	215	Mathematical;		
	124370	39	electrical proper-			equations and solu-		
	124371	40	ties.....	125568	357	tions.....	122154	91
	124411	31	magnetic properties -	125572	75		122412	33
	124629	165	radiation effects	131014	167		122453	31
	125657	98	thermal proper-				122455	33
	125677	319	ties.....	131130	215		122850	238
	125741	384	Magnetite-thermal				123158	308
	128376	246	properties....	125037	360		123176	239
measurement	125165	320	Magnetometers:				123931	151
Machinery:			design	125037	360		123982	165
failure	121424	20	uses	125037	360		124198	373
maintenance and re-			Magnetostriction -				124205	30
pair.....	121424	20	theory.....	131168	225		124231	166
replacement -			Magnus effect....	125143	90		124232	166
theory.....	121424	20	Manganese-titanium alloys -				124736	311
Machines:			hardening....	121890	229		124844	31
assembling - de-			Manometers -				124858	33
sign.....	128059	353	uses	131321	360		125042	310
concrete block			Maps:				125174	167
making	124698	218	reading.....	125567	66		125189	91
fatigue testing	121424	20	training	126807	348		125190	311
heat producing -			topographic -				125227	308
design.....	127345	66	uses	124014	250		125306	32
operation - psychological			Mapping:				125306	32
aspects.....	131278	378	aerial.....	122301	14		125306	32
Magnesium:			conformal -				124719	164
alloys.....	131045	82	theory.....	124844	31		125630	238
analysis.....	131244	140		124853	311		124202	373
bend tests	121801	23	symbols.....	125567	66		124203	359
creep tests	121977	21	technique.....	125217	348		124212	371
deformation.....	121801	23		128368	137		124781	87
electrical proper-			Marbe's law				125234	374
ties	121801	23	(psychology)...	124059	309		125609	309
	131098	227	Marine borers -				122246	70
microstructure...	121977	21	bibliography ..	125921	5	Germany	124858	33
tensile tests.....	121812	85	Maritime Cargo Transportation			theory.....		
thermal proper-			Conference ...	124697	100		122127	91
ties.....	121801	23	Mark:				125610	312
twinning.....	121801	23	II (soil truss)....	124930	220	Mathematics:		
aluminum	131045	82	IV (radar).....	120682	10	applied.....	124781	87
creep tests	121977	21	18 Mod O			statistical theory.	123080	165
zinc alloys.....	131045	82	(Antenna).....	123331	71		124721	239
chloride - crystal			Mars - radiation..	131284	367		125139	310
structure.....	124095	305	Martensite - structure - effect				124771	310
manganese ferrates - molecular			of temperature.	131142	80	Matrix theory....		
structure.....	124119	87		131144	80		124781	87
thorium -			Mass:				125070	356
creep tests	121977	21	spectrometers...	131121	79		125139	310
zirconium alloys .	131045	82	transference -				125755	375
zinc			theory.....	125105	239	MBE (antenna)....	123353	71
alloys	131045	82	Material(s):			Mechanics:		
	131045	82	anisotropic - electrical			aeronautical -		
zirconium alloys .	131045	82	properties....	125529	146	ability tests....	124107	162
Magnetic:				125532	146		124788	307
fields -				131250	162		125229	161
conductivity.....	124863	304	damping capacity.				124107	162
diffusion theory ..	125149	89	effects of nuclear				125975	293
measurements ...	123177	213	radiation	131160	241		131316	318
				131254	289	non-linear theory.		

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>
Mellintransforms (mathematics).	122844	242	Metal(s) (Continued)				Meteorological re-	
Melting point - determination	124095	305	hardness - effect of stress	131025	23	search	125169	305
Melts:			heat treatment....	124102	362	Germany	122245	233
alloy.....	131090	229	impact tests.....	125534	79	Russia	125553	231
degassing	131090	229	ions - thermodynamic pro- perties	125663	206	Meteorology: observation -		
Membranes - penetration tests	125600	377	light	131119	69	Pacific Ocean ...	123106	158
Memory - tests...	125862	378	liquid -			bibliography.....	125625	347
	125864	379	flow - Gt. Brit....	110751 r	359	Meters:		
	128521	243	heat transference.	125749	364	flow - electromag- netic	123592	153
	128522	243	solvent action....	131065	153		123912	293
Mental discrimination - research....	124703	244	low temperature proper- ties	131080	214	frequency -		
Mercapto compounds - reactions....	121925	16	melting			design - Russia .	128887	218
Mercury: determination -			equipment	131274	179	tests.....	120640	15
Sweden	124742	306	photographic analy- sis.....	125094	359	moisture.....	127840	151
liquid - optical proper- ties	125874	363	microstructure - effect on me- chanical proper- ties	128519	225	nuclear - design .	127840	151
Mesosphere - turbulence - theory.....	125095	302		131221	154	radiation.....	121955	168
Mesotrons:			nitridation, high tempera- ture.....	121341	68	survey	131170	102
nuclear reactions.	125148	313	non-ferrous -			Methane:		
scattering - theory.	125812	168	castings.....	131090	229	combustion.....	131315	295
Metal(s):			heat treatment ...	131116	79	thermal decomposi- tion.....	121450	67
autoradiography..	125739	364		131288	300	Methyl borates - prepara- tion.....	124988	206
bending	131061	81	mechanical proper- ties	131288	300	Micelles - produc- tion	131228	348
	131182	226	notch sensitivity...	125878	363	Microhardness tests:		
	131245	155	oxidation, high tempera- ture.....	121341	68	effect of surface condi- tion.....	128519	225
	131252	155	pitting - bibliog- raphy.....	131006	65	load effect.....	128519	225
	131373	363	plastic deforma- tion	126168	299	Micrometeorology - re- search	125542	367
corrosion	125917	364	powders - surface proper- ties	122862	141		125886	365
bibliography....	131005	65	radioactivity.....	131000	12	Micrometers -		
tests	121952	153	recrystallization -			uses	124083	314
creep-stress ef- fects	131016	80	theory.....	121484	25	Microscopes:		
temperature ef- fects	125072	154	solubility - temperature coeffi- cients	131065	153	helium-ion - scan- ning.....	121971	22
crystal structure.	123116	33	sparking character- istics.....	131131	229	photographic - de- sign.....	128369	160
	123472	167	strain distribution.	125878	363	Microscopy:		
Sweden.....	124924	81	strength.....	131104	78	electron.....	121526	24
crystallization -			surface properties - testing				121971	22
Sweden	124924	81	equipment....	121971	22		123744	352
deformation	124102	362	tensile tests	131104	78		124063	298
theory.....	131061	81	testing equipment.	125645	19		128209	228
	131373	363	transformation....	123116	33	methods.....	124281	69
diffusion	121553	23		123472	167	Mie tables (light scatter- ing)	131172	168
measurement ...	121956	156	vibration - theory.	131080	214		131282	241
ductility - measuring equip- ment	124668	22	wear - testing equip- ment	123139	226	Military:		
electrical proper- ties	125867	354	welding			supplies - drop		
effect of corro- sion.....	125917	364	cold.....	131083	153	tests.....	124446	174
fatigue.....	125878	363	effect of ultra-			training.....	124722	87
	131313	301	sonics.....	131084	158	methods.....	125177	242
ferrous	131111	77	Metallurgy, powder -			physical effects .	125177	242
heat treatment ..	131116	79	aluminum....	121526	24	Mineral oils - radiation		
fracture.....	131462	387	Metarossite - micro- structure....	127074	368	effects	131222	313
friction	125737	365				Missiles:		
Germany	125192	228				aerodynamics....	124363	178

PB	Page	PB	Page	PB	Page
Missiles - guided (Continued)		Molybdenum - titanium alloys (Continued)		Navigation:	
propellants		equilibrium dia-		aerial.....	111344s 145
handling	125082	grams.....	124159	131127 177	
storage.....	125082	tungsten alloys - equilibrium		Neodymium - crystal	
specifications ...	125090	diagrams.....	124159	structure....	127239 351
	125168	welding	128527	Nerves, cutaneous -	
tests.....	125088	Monitors:		temperature	
Mitochondria - biosynthesis.....	125185	psychological tests.	131191	effects.....	125896 347
Mitochrome:		radar - design....	123550	Networks:	
properties.....	125185		124712	electrical	
reactions.....	125185	Monochromators -		mathematical...	125070 356
spectrophotometric analysis.....	125185	uses.....	125166	analysis...	122850 238
Mixers:		Moon - radar reflection	126836	synthesis.....	124234 209
concrete - design,	124698	131386	356	124870 15	
design.....	125027	Morphine - psychological		125070 356	
MK-217/APS-42 (camera adapter kit).....	124187	effects.....	124976	theory.....	128023 356
MLO 8200 (hydraulic fluid).....	121957	Morse code - teaching.....	124819	filters - theory	128371 211
	131042	Motion:	97	theory.....	125039 353
Models:		pictures		filters -	124870 15
meteorological...	124861	educational	131005	theory.....	124214 355
	125518	effectiveness....	124147	124846 355	
Sweden.....	124289	125179	15	Neuroses, anxiety	124012 315
analysis	124628	sickness - bibliog-		Neutron(s):	
mathematical analysis.....	125619	raphy.....	127186	chain reactions -	
Modulation, transit time.....	122990	Motor reactions - analy-	205	Sweden.....	122884 242
Modulators, magnetic - design.....	125175	sis.....	124083	cosmic ray.....	124179 374
Molds, casting:		Motors:	314	fluxes.....	131204 152
manufacture.....	127334	alternating current.	131235	measuring equip-	
materials	127334	direct current....	131235	ment.....	125175 210
Molecular:		servo.....	131235	intensity.....	131160 241
interactions	124677	131251	216	properties -	
	125848	tests.....	123339	Sweden.....	124919 376
	125850	Mountings:	16	scattering	125378 167
structures.....	124901	shock -		measurement....	127854 168
diffraction patterns.....	124501	design.....	126199	theory.....	125895 168
theory	124677	Australia.....	122886	shielding -	
	125544	Multipliers:	20	materials....	131160 241
Canada	124709	frequency -	131230	slowing down -	
Molecules:		design.....	147	Sweden.....	122884 242
collisions - Germany	124108	131236	216	sources -	
rotation theory		theory.....	131240	preparation..	121757 14
Canada	124709	Mycelium - growth.	124550	Nickel:	
Netherlands....	124766	N		alloys - substi-	
vibration, sonic..	131012	N 155 (alloy)	131025	tutes.....	127417 227
Molybdenite - lubricating properties	124357	2-naphthylamine:		oxidation.....	125396 26
Molybdenum:		fluorescence	121266	palladium alloys -	
alloys - analysis.	124159	reactions	121266	electrical proper-	
coatings.....	123584	National defense	124356	ties.....	131124 226
	131368	131300	318	resistivity....	131124 226
tests	131052	Natural resources -	250	substitutes.....	131168 225
crystal structure.	124483	Goajira Peninsula,		titanium carbide alloys -	
oxidation.....	128527	Colombia.....	124092	physical prop-	
substitutes.....	121953	Naval:	322	erties.....	125664 368
titanium		engineering -		Night vision....	123943 237
alloys.....	131368	design.....	126199	acuity - effect	
	7	research.....	122211	of light	
	131052	supplies -	150	flashes....	120601 237
	158	scheduling...	249		123943 237
	228	Navier-Stokes	121993	Nitric acid:	
	23	equation of	41	fuming	
	349	fluid motion.	124098	corrosive	
			33	effects...	121864 350
			125183	decomposition	131112 82
				storage.....	121864 350
				vapor pressure	121864 350
				Nitrogen:	
				adsorption....	122862 141
				oxides -	
				atmospheric distribu-	
				tion.....	127721 231
				decomposition	121341 68
				physical proper-	
				ties.....	124103 40

<u>PB</u>	<u>Page</u>	<u>PB</u>	<u>Page</u>	<u>PB</u>	<u>Page</u>
Nitrogen (Continued)		Ocean:		Oscillators (Continued)	
reactions....	121266	bottom - measurement....	123138	klystron - design.....	131201
spectrographic analysis....	127721	124811	321	142	
Nitrosyl chloride - reactions..	124000	water level - Galveston Bay, Tex.....	125606	magnetostriuctive uses.....	131012
thermal decompositi- tion.....	124000	124891	385	18	
Noise:		terminology. 127748	102	microwave - frequency control.....	131201
atmospheric - measure- ment.....	125147	Odors - detection.....	125055	142	
effects on speech intelli- gibility	126140	Officer: candidate school - qualifica-		noise.....	131201
intensity spectra - theory.....	125024	125170	377	142	
mathematical analy- sis.....	121807	125564	378	Oximes - therapeutic properties.....	125599
microphonic...	131277	125590	378	Oxygen:	
phonographic...	125454	Ogives - pressure dis- tribution.. 124723	178	deficiency - cellular adaption	124534
random - mathemati- cal analysis	125996	Oil:		effects on shiver- ing.....	125854
reduction - ampli- fiers.....	131277	fuel - analysis... 122665	149	physiological effects.....	124534
Nondestructive tests.....	122744	distillation - methods.. 122805	148	liquid - oxidizing properties....	131037
131226	291	specific grav- ity.... 122665	149	radioactive - adsorption....	127878
evaluation....	125645	stability.. 122665	149	Ozone:	
128430	299	viscosity.. 122665	149	spectrographic analysis.....	124019
Nonmetallic ferromagnetic materials...	131052	shales - hydrogenation 124965	218	sterilizing properties....	129375
Norma - Höffman oxygen bomb..	131106	plants..... 124965	218	Ozonides - decomposi- tion.....	123737
Notched bar tests.....	121791	Olefins:		P	
125879	363	fluorinated - copoly- merization.. 125926	348	Package cushion- ing.....	128964
131117	79	reaction pro- ducts.... 122955	205	materials - impact tests.....	131162
131213	229	191IX (signal gener- ator).... 125831	75	tests.....	131332
Nozzles:		Operation:		Packaging:	
ceramic - erosion tests.....	131202	Deepfreeze.. 124598	65	congresses.....	128964
jet - materials	131202	Greenhouse.. 123179	204	costs.....	128964
supersonic - tests.....	121708	Optometry. 124532	35	materials.....	124639
Nuclear:		Optics:		humidity tests..	131162
chemistry - research....	124590	geometrical - theory.... 125232	210	tests.....	131262
reactions - bibliogra- phy.	128817	microwave - theory... 125236	13	specifications...	131332
128817s	347	physiological 122680	34	Paint(s):	
mathematical analysis Sweden....	122884	Ordnance:		aircraft - tests.	120599
124244	242	testing - theory 124204	160	anti-corrosion - Russia.....	125015
theory.....	124244	x-ray inspection 125025	235	anti-fouling - tests.....	122677
124252	241	Ordvac (Ordnance discrete variable automatic computer).... 122127	91	heat resistant - tests.....	121736
124838	314	Organic:		131268	289
Nusselt number - effect.....	125749	binary systems... 126443	351	industry - administra- tion - theory....	125029s
NV-14 (intercommuni- cation system)	124994	compounds - analysis..... 131088	290	priming - anti - corrosive....	128645
Nylon:		oxidation..... 131088	290	Paper:	
elasticity....	125643	Organosilicon compounds - spectrographic analysis..... 131064	66	industry - slime control - Sweden.....	124742
fibers - orienta- tion.....	125643	Oscillations:		124744	307
infrared absorp- tion.....	125643	lunar - effects.. 12521	86	kraft - tests - Sweden.....	124743
microscopy....	125643	theory - Belgium. 125180	312	stresses - Sweden.....	124745
O		Oscillators:		Parabolas - reflec- tive properties	124855
Obukhoff's statistical theory (turbu- lence.....	123109	cathode coupled.. 131201	142	125224	210
Occupations - bibli- ography.....	124583	crystal - design. 111586r	72	Parachute(s):	
	347	electron tube.... 131201	142	aerodynamics...	127750
		feedback - theory 124762	212	canopies.....	127750

Parachute(s) (Cont)	PB	Page		PB	Page		PB	Page
design.....	127751	175	Peer ratings.....	125170	377-8	Personnel (Continued)		
drop tests....	127751	175		125564	378	military		
Jumping - psychological aspects	124636	170		125590	378	ability tests...	124722	87
materials.....	127751	175	Penetration tests.....	123202	28	loads.....	124962	243
opening characteristics.....	127750	175	Penetrometers - design....	121694	221	psychological records.....	125868	379
performance....	127751	175	Pentane-1, 5-diol		naval - classification -			
shock.....	127750	175	dinitro - de- composition	122948	206	bibliography...	124583	347
stability.....	127750	175	Perception - tests....	124083	314	training.....	122142	87
supply drop- ping.....	127751	175	Perchlorates - determi- nation....	122679	8	radar - tests.....	129373	369
tests.....	124446	174	Perchloric acid- dioxane		training.....	129373	369	
tests.....	127750	175	solutions	123726	205	radio - performance -		
wind tunnel - tests.....	127751	175	Perchloryl fluoride:		tests.....	125202	236	
Paraffin wax - extrusion....	125908	89	density - de- termination.	123952	138	training.....	125202	236
Parameters:			vapor pressure....	123952	138	research.....	124941	237
differential...	124143	164	Perfluoroalkyllithium:		scientific.....	127310	308	
thermodynamic..	125075	148	compounds - preparation	127881	288	submarine - ability tests...	125576	95
Particles:			reactions ..	127881	288	escape training - records.....	124556	222
adsorptive properties - measurements.	122862	141	Periscopes,		124557	172		
charged - reactions.....	124178	313	submarine... 120592	29	124556	222		
scattering - theory.....	124660	212	Permafrost:		Perturbation - theory.....	124155	145	
cosmic ray - flux.....	124702	231	biblio- graphy.....	125828	205	124659	28	
	124708	305	125902	288	125212	373		
interactions..	124244	375	Permutation - theory....	125290	89	Petrology.....	125542	367
motion - theory.....	124910	90	Personality:		Phagocytes - digestive functions - effect of radiation.....	124536	21	
scattering....	124590	34	research....	124589	94	Phase meters - design.....	131220	213
theory.....	124497	141	124895	36	Phenylenediamine - derivatives - antioxidant properties.....	131267	317	
	124501	141	tests.....	124763	169	p-Phenylenediamine, n, n' -di -sec-butyl..	123580	245
	124741	90	Peroxides, organic - detection..	121854	360	Phonograph records:		
	124883	241	Personnel:		distortion - theory.....	125454	33	
	125054	159	air traffic control		materials.....	125454	33	
	125895	168	psychological		testing equip- ment.....	125454	33	
size - distribution - theory.....	124501	141	tests.....	121799	94	Phosphides, transition metal.....	125530	74
measurements..	123738	91	131177	315	Phosphine - derivatives - spectrographic analysis.....	124805	7	
spherical - flocculation - Sweden.....	124749	307	131270	316	Phosphorus compounds:			
light trans- mision.....	131172	168	communications - training.....	125913	360	esters - chemical reactions....	125429	138
	131282	241	electronic - training.....	124734	146	Photographic:		
scattering....	131172	168	engineering.....	124653	218	papers.....	124344	66
	131282	241	flying-ability tests.....	124126	87	coatings.....	127345	66
Paschen's law (similarity)...	131134	73	124540	35	development....	127343	66	
Pascoite - micro- structure...	127074	368	124764	162	127344	66		
Patents - management..	124174	102	124765	161	processing.....	124796	137	
Pavements: flexible - construction....	124698	218	124789	237	Photography:			
impact tests....	127853	177	131183	169	aerial.....	122829	238	
loads....	127853	177	131271	377	interpretation	121694	221	
Payrolls - computation	123929	151	124789	237	ballistic.....	125141	87	
Peclet number effect....	125749	364	124126	87	infrared.....	124142	87	
			124540	35	materials.....	124147	162	
			124763	169	optical.....	128367	137	
			124636	170	radar scope....	124532	35	
			124788	307	shadow.....	128366	162	
			125118	162	124158	87		
					125142	87		
					131306	308		
					x-ray.....	122686	238	

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>	
Photoluminescence, molecular.....	124173	9	Plastic(s) (Continued)				Plating, chromium-electrodeposition	111911	25
Phthalic anhydride - reactions.....	126505	139	laminated - compression tests.....	131044	67		Platinum - isotopes - emmission.....	124883	241
Physical geography:			curing.....	131400	349		Plotting, contour.....	124851	166
Caroline Islands	124197	322	gluing.....	121960	5		Poisson's ratio..	123982	165
Colombia.....	125995	322	molding.....	131400	349			124099	14
Picea excelsa - Pitch control - Sweden.....	124746	307	strength....	122305	6	Polarization:			
Pigeons - response to stimuli.....	125889	379		127832	174	atomic.....	123543	240	
Pigments, chromate - tests.....	128645	208		131044	67	electrolytic - measurement....	124488	79	
Pilots, air - psycho-motor reactions..	129060	378	stresses....	131044	67	theory.....	124488	79	
Phenylenediamine-reactions.....	127332	350	structural properties.	131044	67	elliptical.....	131206	146	
Photographic emulsions.....	125856	370	tensile properties.	131044	67	Polarons - theory.....	125544	375	
Photoperiodism....	124074	377	physical properties..	121954	6	Polishing, electrolytic....	125203	349	
Pinoresinol - Sweden.....	124751	288	polyethylene - oxidation...	121682	6	Polyethylenes: bonding.....	131099	207	
Pinus sylvestris - pitch control- Sweden.....	124746	307	testing methods....	121924	7	effect of chromic acid.....	131099	207	
Pipe:			thermodynamic properties..	121924	7	oxidation.....	121682	6	
bending.....	123396	24	silicon fluoride - patents....	12520 ^b	207	physical proper-ties.....	131091	173	
lines - flow - calcu- lation.....	124432	157	,synthesis... 125204	207	Polyisobutylene:				
pressure - losses.....	124532	157	testing - machines - design....	131242	349	magnetic proper-ties.....	124489	5	
stresses.....	123396	24	methods....	125601	380	molecular struc-ture.....	124489	5	
Pitch control - Sweden.....	124746	307	thermoplastic - fabrication.	121954	6	Polymers:			
Pituitary body - physiology.....	124533	21	transparent - uses.....	124977	137	acrylate - curing.....	121911	36	
Planing surfaces - hydrodynamics....	125582	320	use as core materials...	125144	6	bonds.....	125546	379	
	125584	385	vacuum proper-ties.....	121954	6	125547	379		
Plants - geographical distribution....	122243	322	Plasticity - theory.....	124599	163	125548	380		
	122244	323		124758	89	125549	380		
Plasma, electron..	131097	41		125626	373	131253	288		
electron extrac-tion.....	131212	143		125878	363	boron - prepara-tion.....	127332	350	
oscillations - theory.....	125388	144		126168	299	dielectric prop-erties.....	121943	66	
Plasmographs - design - Belgium.....	124720	219	Plates:			124190	6		
			aluminum alloy - impact tests	120695	29	evaluation.....	131055	138	
Plasmography - circuits - syn-chronization	124720	219	buckling - theory.....	124860	310	fluorinated - preparation....	125926	348	
Plastic(s): acrylic - properties... 122677	7	circular - plastic deforma-tion - theory	124599	163		131055	138		
damping capacity....	121701	163	stress analysis	124599	163	131227	289		
deformation - solids....	122946	163		124898	96	properties....	121911	36	
	121895	24	flat - boundary layer			thermal prop-erties.....	131227	289	
	124116	159	cooling.....	131150	163	halogenated - stabilization			
	124213	374	temperature...	131152	92	bibliography	126529	347	
deterioration	124301	32	buckling.....	131072	317	high - properties....	124066	37	
elasticity...	131331	349	heat transfer-ence.....	124177	240	synthesis....	125204	207	
exposure tests	121701	163	stress analysis	121680	317		131253	288	
formability tests.....	131331	349		123636	95	thermal sta-bility.....	131253	288	
high tempera-ture.....	121954	6		124217	238	polyvinyl chloride - deterioration -			
	131097	41		124367	89	bibliography.	126529	347	
			vibration - theory.....	124217	238	preparation....	131180	141	
			stress analysis.	124503	173	properties....	125850	349	
			unstiffened - stress analysis.....	123626	95	radiation ef-fects.....	131254	289	
			vibration - theory.....	124503	173	stabilizing agents -			
				124860	310	bibliography...	126529	347	
						synthesis.....	131055	138	
							131227	289	
						thermal sta-bility.....	121911	36	

<u>PB</u>	<u>Page</u>	<u>PB</u>	<u>Page</u>	<u>PB</u>	<u>Page</u>	
Polynomials....	124290	89	Probes:			
	125042	310	electromagnetic -			
	125234	374	design.....	125527	90	
orthogonal....	123086	311	hot wire....	131206	308	
	124732	166	Production			
Polyurethans:			control.....	131300	250	
condensation			Profiles:			
products.....	125549	380	beach - tidal			
molecular struc-			action.....	122587	294	
ture.....	125550	380	geological - Galveston			
Polyvinyl chloride:			Bay, Tex....	125606	385	
evaluation....	131100	208	Project:			
fabrication....	131100	208	AROWA.....	128372	233	
properties....	131100	208	Lion.....	125099	293	
uses.....	131100	208	Pigeon.....	124010	243	
Population, agri-			Squid.....	123583	164	
cultural -				123592	153	
analysis.....	124014	250		124103	40	
Porcelain - tensile				131144	80	
properties....	124116	159		131149	76	
Potassium chloride:				131166	248	
molecular struc-				131167	178	
ture.....	125544	375	Vanguard....	131220	213	
thallium compounds -			Projectiles:			
luminescence..	124265	8	impact.....	123360	160	
spectrographic				128369	160	
analysis....	124265	8	penetration..	125534	79	
Potentiometers:			photography..	125534	79	
circuits -			Propane - com-			
theory.....	125039	353	bustion.....	128312	358	
recording -			1-1, 2-Propanedia-			
design.....	125014	356	mine, N.N. N'-tetra-			
testing equip-			methyl-prepara-			
ment.....	131216	294	tion.....	121684	205	
tests.....	121216	294	Propellants:			
Power:			liquid -			
lines - inter-			handling....	125082	217	
ference -			rocket - burning			
elimination..	131017	72	rates.....	125140	76	
plants - fire			storage.....	125082	217	
prevention....	127838	176	Propeller(s):			
Prandtl number -			aerodynamics..	128376	246	
determination..	124103	40	effect of blade			
Prandtl - Reuss			thickness..	121945	99	
stress-strain law			blades -			
(mathematics)	125626	373	aerodynamics	121884	38	
Praseodymium - crystal				131272	319	
structure.....	127239	351	materials...	121884	38	
Precipitation:			pressure distri-			
analysis.....	124916	302	bution....	125672	318	
forecasting....	124757	86	stresses....	131272	319	
	125067	301		131273	318	
Prediction -	128340	367	thickness - effect			
theory.....	124628	158	on velocity -			
	124861	158	Canada	124696	100	
Pregnancy -			thrust.....	121945	99	
radiation effects -			vibration....	131272	319	
Japan.....	124692	313	wind tunnel			
Pressure:			tests.....	121884	38	
breathing	121984	20		121945	99	
high.....	122160	235	marine - theory -			
	122420	30	Canada.....	124696	100	
Primers - effect	121908	68	rotation.....	121945	99	
Prisoners - psychological			slipstream....	125670	321	
records....	124791	94	deflection....	123635	98	
Probability -				124445	99	
theory.....	123444	309		124478	98	
	123947	164	speed.....	128376	246	
	123982	165	strip theory...	121945	99	
	124235	371	theory.....	128376	246	
	124293	316	thrust.....	128376	246	
	124770	316	Propionitriles, 3-			
	125110	209	alkoxy deriva-			
	125603	372	tives.....	124978	138	
	126160	309		Germany.....	124635	171

PB	Page	PB	Page	PB	Page
Psychomotor tests (Contd.)		Radar (Continued)		Radiation (Continued)	
apparatus -		operation...		Cherenkov -	
design..... 124780	36	Canada..... 124717	143	detection.... 124702	231
bibliography... 124780	36	theory..... 124995	211	determination.... 125222	312
evaluation.... 125118	162	parts..... 124995	211	dosage determina-	
PU-219/TPS-10D (motor		IFF - targets -		nation..... 125222	312
generator set).. 124857	12	design..... 120681	13	125083	167
Public opinion-		indicators... 131137	145	124578	376
influence fac-		tests..... 120766	11	genetic effects -	
tors..... 124932	243	jamming equip-		Japan..... 124692	313
Pulse:		ment..... 123353	71	ionizing.....	
communication -		124627	212	dosimetry..... 124537	34
theory..... 125016	353	tests..... 123358	11	electrical	
transmission -		123359	71	effects..... 131254	289
measurement... 125869	357	123361	73	pathological	
theory		maintenance and		effects..... 124015	92
Switzerland.. 123108	213	repair..... 129373	369	physiological	
Pumps:		meteorological- 124717	143	effects..... 124008	376
jet - theory... 124625	248	components -		124184	92
124626	248	Canada..... 124717	143	124535	21
liquid metal -		use..... 125074	233	124536	21
design - Gt.		125169	305	125221	224
Brit. 110751r	359	125182	361	planetary..... 131284	367
metering -		125215	368	protection..... 125083	167
design..... 127611	360	125570	354	psychological	
Pyridine - molecular		MTI - location -		effects..... 127983	244
structure.... 124173	9	testing equip-		reflection -	
Pyridinium compounds -		ment..... 125017	360	theory..... 125121	165
oxidents..... 123737	209	noise - measuring		shielding.....	
Pyrometers:		equipment... 124712	142	121955	168
radiation -		observers -		131160	241
infrared..... 123357	27	tests..... 125208	214	theory..... 121927	74
sonic - tests.. 128534	221	operation.... 124223	353	theory..... 124767	313
Q		PPI - tests.. 131137	145	125983	167
Quantum:		range finders -		thermal - reflec-	
mechanics..... 125629	310	research.... 120766	11	tion..... 123356	322
127335	90	receivers - sensi-		ultrasonic -	
Belgium..... 125180	312	tivity..... 123359	71	corrosion tests -	
theory..... 127335	90	screens - absorption -		Italy..... 121964	84
Quenching - signal-		tests..... 123352	74	effects..... 123587	242
lers..... 131111	77	search - tests 125099	293	Radio:	
R		signals.....		airborne - tests 122765	70
Radar:		detection... 125208	214	astronomy..... 128075	355
bands..... 125146	210	fluctuation. 125182	361	research..... 131170	102
K..... 127337	301	measuring		beacons -	
X..... 122787	16	equipment.. 125182	361	exciters -	
radiation - absorp-		reflection.. 120685	15	design..... 125146	210
tion..... 123352	74	126836	356	testing equip-	
beacons..... 131102	143	targets.....		ment..... 122298	150
transponder...		artificial.. 131179	171	communication - sunspot	
design..... 131102	143	design..... 120681	13	effects..... 122762	142
tests..... 131138	143	moving..... 122652	11	direction finders	
components -		testing equip-		components.... 123380	73
design..... 125146	210	ment..... 124712	142	equipment.... 123354	71
counter-		tests..... 120682	10	errors..... 123380	73
measures.. 124627	212	122652	11	evaluation.... 123338	11
tests..... 120685	15	tracking..... 122652	11	tests..... 122745	146
domes.....		131220	213	frequencies	
coatings.... 121272	289	131330	355	control equipment -	
electrical		transmitters -		tests..... 120639	15
properties. 131206	146	tests..... 123361	73	modulation.... 123337	11
fabrication. 121272	289	visual display		theory..... 122990	12
materials... 131041	308	systems..... 127848	151	stabilization. 111586r	72
plastics... 121272	289	131177	315	homing devices. 123354	71
echo lines... 131138	143	131270	316	interference	
effects of		Radiation:		elimination... 131017	72
snow..... 124864	86	absorption - mathematical		locators..... 131017	72
equipment		analysis... 127337	301	research..... 122655	12
maintenance and		biological		tests..... 127859	144
repair.... 124995	211	effects.... 124015	92	meteorological	
				effects.... 125027	212
				meters - design 124472	232
		black body - measure-		noises..... 125147	303
		ment - Russia 124157	365		

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>
Radio (Continued)			Radiography....	125025	235	Recorders:		
range			apparatus....	122688	238	automatic - use	123555	11
performance...	123550	71	Radioisotopes:			cathode ray -		
	127847	144	determination.	121689	69	design -		
	127851	145		121690	69	Russia.....	128887	218
	127857	144	uses - Gt.			photographic	127842	150
stations....	123544	71	Brit.....	124571	375	sound.....	124589	94
tests.....	123555	11	Radiometers - calibra-			wave - evalua-		
(UHF).....	127841	144	tion.....	121947	19	tion.....	125035	359
components...	127860	143	Radolon (paint)	121272	289	Rectifiers:		
(VHF) - per-	127860	143	Radon:			aerodynamic -		
formance....	131136	147	detection....	125617	303	design.....	131383	354
receivers			dielectric absorp-			performance....	131383	354
calibration...	127841	144	tion....	131186	168	analysis.....	126365	292
	131274	179	measurement...	128365	159	crystal -		
microwave - de-			Railroads -			coatings.....	128066	292
sign....	125027	212	freight....	121550	248	manufacture....	128066	292
noise.....	122655	12	Rain and rainfall:			grid controlled -		
tests.....	120636	15	measurements..	124822	87	bibliography	131126	347
	122668	14	radar.....	125570	354	silicon -		
(UHF) -	123332	73	Raman spectra..	124897	67	design.....	121547	147
performance..	120677	11	Random:			manufacture....	121547	147
sensitivity..	120677	11	distribution..	123947	164	Reflection -		
tests.....	122766	14	functions....	124143	164	theory.....	124281	69
uses.....	123177	213	Razorite (trade			Refraction indexes	131135	86
(VHF)- inter-			name).....	124988	206		131172	168
ference....	127855	144	Rayleigh:				131282	241
signals -			principle (mathem-			effect on fluorescence		
fading.....	125027	212	atics)....	124217	238	measurements.	125644	29
strength.....	123555	11		125120	163	Refractory materials -		
static.....	122655	12	waves - scatter-			testing equip-		
transmission...	125027	212	ing.....	125225	213	ment.....	121999	77
lines.....	122654	13	RDZ-1 (radio)..	123332	73	Regulators, gas pres-		
attenuation - mea-	122654	13	Reaction:			sure - design	128890	294
impedance - mea-	122654	13	psychology....	124010	243	Relaxometers -		
ments.....	122766	14		124085	171	design.....	121978	25
(UHF) - tests.	122766	14		124147	162	Releases, bomb -		
waves -				125145	35	tests.....	122789	38
absorption -				125157	314	Repetition (mathematics) -		
ionosphere...	124776	86		125158	316	theory.....	123086	311
theory.....	124019	304		125159	316	Rescue equipment,		
attenuation...	124472	232		125889	379	crash.....	121332	246
generation....	122990	12	analysis....	128531	239	Research - evalua-		
propagation -				124976	137	tion.....	124940	236
bibliography -				131023	94	Resins:		
Russia.....	123441	213		123448	244	alkyd-isocyanate -		
ionosphere...	127333	234		124012	315	uses.....	131123	207
measurements.	123971	73		123447	224	epoxy-epon.....	126505	139
theory.....	122762	142		124012	315		126799	139
	124713	142	measurement..	121970	38	silicone -		
reflection - mea-				121970	38	adhesive		
urement.....	131136	147	testing equip-			properties....	131190	138
refraction....	124776	86	ment.....	121970	38	lamination....	131024	6
ionosphere...	124776	86	time - measure-			synthetic -		
theory.....	123409	147	ment.....	121970	38	casting.....	126505	139
scattering -			Reactors:			curing agents..	126799	139
rain effects.	131274	179	criticality...	131097	41	polymerization.	126505	139
theory.....	123409	147	neutron....	131204	152		126799	139
Radioactive substances -			flux distri-			preparation....	126505	139
detection...	131081	230	tion.....	131204	152		126799	139
Radioactivity -			Gt. Brit....	124585	374	tests.....	126505	139
research..	124883	241	uses.....	129374	386		126799	139
Radiocarbon - phase			saturable-core-				126799	139
transitions	124799	34	design....	121765	71	Resistors:		
Radiochemical				121765s	357	materials.....	125572	75
research...	121689	69	thermal - Gt.			specifications..	121123	74
	124799	34	Brit.	124585	374	wire - wound -		
	121690	69				design.....	131216	294
Radiochemistry - bibli-			Readers:			tests.....	131216	294
ography -			perforated tape -					
Gt. Brit	124584	376	conversion			Resonance:		
	124586	376	procedures...	123933	219	electromagnetic	124908	70
			pneumatic card -			theory.....	125225	213
			tests.....	125905	353	magnetic -		
			Reciprocity -			absorption....	125906	19
			theory.....	125085	374	measurement...	124489	5
				125856	370		125527	90

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>
Resonance (Continued)			Rocket(s) (Continued)			S		
magnetic (Continued)			nozzles -			SAE 4130 (steel).	124417	156
theory.....	123158	308	materials 131202	178		Salmonella infec-	124538	20
mathematical analy-			walls - tempera-			tion.....	124538	20
sis.....	131250	162	ture distri-			Salts, liquid - testing	125928	298
nuclear			bution... 131317	319		equipment....	125928	298
measurement...	124489	5	photography.. 122829	238	Sampling:			
	125527	90	propellants -		devices -			
	125906	19	handling - safety		theory.....	125857	220	
theory.....	123158	308	measures... 125082	217	industrial.....	124204	160	
	124883	241	storage.... 125082	217	statistics -			
paramagnetic...	124516	351	upper air -		theory.....	124143	164	
absorption -	124093	210	equipment... 125409	159		124291	218	
research....	124908	70	research... 127333	234		125196	371	
Resonators:			Rocks - analy-		variables.....	124148	30	
cavity - perturbation			sis.... 125542	367	variance.....	122230	19	
theory - Russia	126641	211	Rolling moments -		Sand(s):			
piezoelectric..	124248	146	calculation. 124415	320	beach - movements -			
quartz.....	124248	146	Rorschach		Anaheim, Calif.	122587	294	
strains.....	131087	143	tests..... 124556	222	casting.....	131090	229	
Respiration:			124616	94	Sandwich:			
measurement....	131163	314	Rotor blades:		construction -			
physiology.....	124539	21	flutter -		core materials.	121633	301	
	131163	314	theory.... 125669	319	compression			
research.....	124011	223	hinged - flut-		tests.....	125144	6	
Respirators - shipping			ter..... 125669	319	stiffness.....	131077	138	
containers..	124639	161	oscillation.. 125669	319	strength.....	125144	6	
Retina:			Rubber:		fabrication....	131077	138	
biochemical re-			bibliography. 131096	245	Sarin (trade name):			
search.....	124607	34	copolymers... 118310s3	172	antidotes.....	125599	298	
sensitivity -			126248	36	toxicity.....	125600	377	
measurement...	124642	93	126248	379	Satellites:			
Retorts:			126248s	36	tracking.....	131220	213	
oil shale-			friction -		131330	355		
design.....	125873	362	Germany... 125192	228	Scales - reading -			
operation....	125873	362	properties... 124066	37	psychological			
Reynolds:			research.... 131096	245	aspects.....	125145	35	
equation.....	124753	310	synthetic -		Schlieren effect	124158	87	
number - effect	123183	32	aging..... 123580	245	Scientific research:			
	124723	178	123581	245	bibliography -			
	125657	98	antioxidants 123580	245	Australia....	122887	102	
	125677	319	123581	245		122888	102	
Rhenium:			131267	317		124710	102	
ions -			bibliography 122157	95		125228	347	
stability....	124142	157	damping capa-		progress reports	131097	41	
thermodynamic prop-			city..... 121701	163	131274	179		
ties.....	124142	157	degradation. 131267	317	131462	387		
trioxide - thermody-			dynamic proper-		project reports.	131326	249	
namic properties	124141	146	ties..... 122157	95		131286	323	
Ribs, wing - stiffness			elasticity.. 121701	163	Scientists.....	127310	308	
effect on bending -			electrical con-		Scrap metal, titanium -			
Canada.....	122589	97	ductivity.. 122157	95	melting.....	131241	228	
Rice - distribution -			fluorinated.. 128530	207	Screens, radiographic -			
Japan.....	125602	386	131205	173	materials....	122686	238	
Riemann surfaces -			materials... 131205	173	Screw threads:			
theory.....	125306	32	oxidation... 123581	245	durability.....	131108	91	
Riemann's method			polymeriza-		efficiency.....	131108	91	
	122154	91	tion.... 125043	295	stress analysis.	131108	91	
	124767	313	preparation. 131003	245	Sea water:			
	128374	233	properties.. 131178	173	chemical analy-			
Roads - roadside			research.... 131096	245	sis.....	124086	321	
development..	124998	218	synthesis... 131178	173		124916	302	
Rocket(s):			temperature		ingestion.....	125757	377	
aircraft - pro-			effects... 122157	95	reflectivity.....	123356	322	
pellants....	131076	295	testing meth-		salinity.....	124891	102	
launchers -			ods..... 125601	380	temperature.....	124891	102	
paints....	131268	289	Runways:		Seal(s):			
motors			lights..... 127845	177	hermetic - tests	131194	145	
ceramic com-			127852	177	hydraulic -			
ponents...	131202	178	127856	177	tests.....	125883	218	
combustion			markers..... 127835	177	leakage			
chambers..	131317	319	Rupture (mechanics)		determi-			
cooling....	131317	319	testing equip-		nation.....	125883	218	
fuels.....	121684	205	ment..... 131301	209		131194	145	
combustion.	125678	296						
	131037	248						
	131317	319						

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>
Seal(s) (Continued)			Shells:			Silane(s):		
metallic -			aircraft,			cyclopentamethylendialkyl		
materials....	121944	22	cylindrical -			spectrographic		
tests.....	121944	22	stress analy-			analysis.....	131064	66
Sealing rings:			sis.....	124801	32	heptafluorobutyl -		
design.....	121898	36	thin-walled -			synthesis.....	128530	207
failure.....	121898	36	cylindrical			heptafluoropentyl -		
materials - physical			stress analy-			synthesis.....	128530	207
properties..	121898	36	sis.....	124801	32	preparation.....	127902	289
tests.....	121898	36	Shielded rooms:			Silica - crystal		
Seaplane(s):			design.....	121927	74	structure.....	124095	305
floats -			evaluation..	121927	74	Silicates - sta-		
landing impact	125662	100	tests.....	121927	74	bility.....	124800	369
tests.....	123944	321	theory.....	121927	74	Silicon:		
hulls -			Shielding:			compounds -		
dead rise....	125682	320	electromagnetic -			organic -		
length-beam			effective-			analysis.....	131359	351
ratio.....	125682	320	ness.....	127198	355	production.....	125897	350
paints.....	125684	385	tests.....	120755	12	research.....	126873	350
Sediment, marine	122677	7	materials -			organometallic -		
Seismology -	123138	321	neutron reac-			trimethyl....	123742	206
research....	124811	87	tions.....	131160	241	determination....	124899	67
Selectron 5922			properties..	121927	74	128530	207	
(trade name)	131123	207	Shigella infec-			131088	290	
Sendust (trade			tion.....	124538	20	131359	351	
name).....	127417	227	Ship(s):			electrical prop-		
Sensitivity tests			cargo.....	121920	101	erties.....	124104	156
methods....	125920	371	design.....	125092	100	124104	156	
Sequential analy-			models -			spectrochemical		
sis.....	124770	316	tests.....	125093	101	analysis.....	124104	156
125603	372		wave resis-			125628	352	
Serrodynes - per-			tance.....	125093	101	tetraiodide - crystal-		
formance....	122990	12	theory....	125091	321	lization.....	124104	156
Servomechanisms:			Noises - suppression -			Silicones - lubricating		
design.....	126736	357	Germany... 124229	386		properties....	121990	17
131236	216		Painting -			Siloxanes, polymethyl:		
relay - design	131236	216	Russia.... 125015	385	fractionation....	125548	380	
theory.....	124624	239	Performance.	125092	100	125550	380	
126736	357		Roll and pitch -			reactions.....	125547	379
7075-T6.....	124408	80	mathematical			126535	379.	
	124417	156	analysis....	125091	321	Silver:		
Sewage - steriliza-			Recording			bromide - electrical		
tion.....	129374	386	devices...	124548	361	conductivity -		
	129375	386	Surveying - design -			measurement....	125014	356
Shafts, propeller:			Germany.. 124229	386	Chloride-			
ships.....	120176	322	Vibration preven-		crystal struc-			
torsion.....	122684	322	tion -		ture.....	122162	68	
	122685	322	Germany.. 124229	386	electrical conductivity -			
tests.....	120176	322	Shivering - sup-		measurement....	125014	356	
Shale oil:			pression.. 125847	362	Halides - thermal			
analysis.....	125004	217	125854	362	properties....	125014	356	
production....	124965	218	Shock:		Ions - diffusion -			
Shear:			tests, ther-		measurement....	122162	68	
stress - calcula-			mal..... 124898	96	Nitrate - radiation			
tions.....	125878	363	tubes -		effects....	125148	313	
testing equip-			design.... 131066	69	Nuclear properties	124799	34	
ment.....	121553	23	performance	131066	69	Simulators:		
	131012	18	Waves -		Aerodynamic.....	129060	378	
Sheet:			computation	128888	373	Air traffic con-		
aluminum - tests	124407	80	fluids....	131316	318	trol.....	125219	220
	124408	80	gases....	131140	89	dynamic.....	127846	150
	124417	156	Kinetic reac-		electronic -	121919	39	
Metal			tions.... 131066	69	Russia.....	128886	219	
creep - effect			pressure....	131309	293	design - Russia	128887	218
of load.....	131311	299	relaxation		Flight.....	131127	177	
Non-ferrous -			phenomena	124411	31	design.....	126756	296
welding.....	131083	153	131066	69	evaluation.....	125219	220	
Rupture			Theory -		operation.....	125974	316	
tests.....	122904	25	Israel... 124629	165	Radar -			
Steel -			Shot peening	131273	318	design.....	125017	360
deformation....	128897	364	Shutters, camera -		125099	293		
	128889	365	design... 125141	87	125208	214		
Fatigue -			Signals, tele-		125219	220		
tests.....	124417	156	metering.	131277	353	performance....	121799	94

	PB	Page		PB	Page		PB	Page
Sine waves - uses	124627	212	Solar radiation (Contd.)			Spectrographic analysis - instruments	125205	208
Skin:			theory - Russia	125851	368		128890	294
aging.....	123037	223	Soldering - ultrasonic	121965	158	Spectrographs: design	123400	214
effect of radiation.....	124008	376-7	Solenoids - tests	125527	90	x-ray	125205	208
friction - theory	123183	32	Solids:			Spectrometers: gamma ray	124001	211
physiology.....	123037	222	crystal structure	123542	241		124590	34
temperature - effects of heat.....	124637	34	diffusion	122412	33	micro - design	125643	37
Sky:			122420	30	x-ray	125019	374	
brightness - measurements.....	123236	86	temperature distribution			Spectrophotometry - sources	131015	208
radiation - temperature.....	123357	27	Sweden	124925	157	Spectroscopy: dielectric	125870	357
Slurries - sedimentation.....	124432	157	properties	125052	240	infrared - bibliography	121998	5
Snow:			theory	123542	241	sources	123590	219
bibliography....	125828	205	123543	240	molecular	124173	9	
	125902	288	124455	375		125919	355	
friction - measurement.....	125914	361	124677	241		125923	355	
measurement.....	128558	232	131254	289		125924	355	
radar.....	124864	86	Sonar:			mathematical analysis		
SO-2 (radar equipment).....	124995	211	communication equipment			- Canada	124709	303
Social conditions - Goajira Peninsula, Colombia.....	124092	322	corrosion	123395	11	Spectrum analyzers: design	123327	78
Sociology:			fouling	123395	11	(RF)	124548	361
research.....	122248	171	Sound:			tests	126365	292
	122250	94	absorption			Speech - intelligibility	123327	78
Caroline Islands	124197	322	measurement	124658	166	tests	124138	70
rural.....	124014	250	attenuation				125862	378
Sodium:			theory	125173	91		125864	379
chloride - crystal structure.....	125133	288	directivity	125971	311		125866	378
diffusion - measurement...	125133	288	fields	128001	384	Spheres:		
nitrate - reactions with TNT.....	128369	160	intensity			elastic - loading - theory	123588	164
sulfate-vanadium pentoxide - anti-corrosive effects.....	128511	225	measuring equipment	131037	248	oscillating - theory	124287	240
Soil(s):			propagation			Spheroidal functions	124707	240
density - measuring equipment.....	127840	151	atmospheric effects	125173	91	124716	14
engineering - frozen ground - stress analysis.....	124727	296	128410	304	Spin wave			
freezing effects	131243	296	effect of temperature	128410	304	theory	124910	90
theory.....	131243	296	measurement	124658	166	Spoilers - effect on aileron control	125677	319
moisture content - measurement.....	127854	168	theory	123588	164	Sprays, fuel - evaporation - Canada	125562	358
	127843	164	128410	304		125563	358	
measuring equipment.....	127840	151	reflection	124099	14	Spruce fibers - structure - Sweden	124750	222
permeability - measurements...	131243	296	scattering	124658	166	Spurrite:		
stabilization...	127749	101	measure-			reactions with carbon dioxide	124800	369
bibliography....	124991	137	ment.....	125150	91	synthesis	124800	369
trafficability....	121694	221	theory.....	125150	91	thermal properties		
Solar:			speed.....	128374	233	124800	369
energy - conversion.....	131218	293	transmission	125971	311	Stability:		
phenomena...	125620	231	underwater propagation			directional - dynamic	124362	320
Russia.....	125851	368	theory	125605	386		125681	320
radiation - absorption - theory.....	125595	367	SPA -8A (indicator)	131137	145		124415	320
Russia....	125851	368	Space-time theory	124910	90		124424	98
measurement	124472	232	Spallation	125148	313		124409	98
			Sparks, electric - analysis	131131	229		124424	98
			Spectra:				124438	99
			absorption - analysis	125019	374	dynamic mathematical analysis	124363	178
			cometary - atlases - Belgium	125048	301		125742	384
			electrophoretic	123912	293			
			infrared.....	124897	67			
				125188	305			
				125897	350			
			Spectral lines:					
			intensities.....	125188	305			
			shape.....	125188	305			

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>
Stability (Continued)			Steel alloys (Contd.)			Steel (Continued)		
theory.....	123185	248	fatigue (Continued)			coatings,.....	121958	81
	124439	31	tests.....	125673	297	titanium.....		
lateral -				128532	227	corrosion -	121963	65
dynamic.....	124362	320		131034	81	bibliography...	131006	65
	125681	320		131288	300	tests.....	121952	153
tests	124415	320	heat treat-	131371	363	cracking tests..	131111	77
	124424	98	ment.....	121834	228	damping capa-		
static tests..	124409	98	effect on fatigue			city.....	121701	163
	124424	98	properties..	131288	300	ductility.....	131200	157
	124438	99	impact tests	131034	81	fatigue.....	125679	300
longitudinal -			mechanical			tests.....	121456	226
calculation..	121677	297	properties...	131034	81		131273	318
dynamic.....	125681	320	microstruc-			fracture - effect		
tests.....	121677	297	ture.....	121834	228	of prestrain...	121456	226
static tests.	121677	297	effect on			hardenability -		
	124409	98	tensile proper-			tests.....	124091	156
	124414	321	ties.....	124150	225	hardness tests..	131288	300
	124418	100	molybdenum con-			heat treatment -		
	124438	99	tent.....	121953	23	research.....	124091	156
	124445	99	notch			hydrogenation...	131200	157
	125670	321	sensitivity	121834	228	inclusions.....	131288	300
structural -				121847	22	leaded - bibli-		
limit			strength....	131288	300	graphy.....	111917	5
analysis....	125890	370	stresses....	128532	227	machinability -		
Stabilizers -				128897	364	effect of lead		
research -			tests.....	131288	300	addition.....	111917	5
Gt. Brit.....	124575	361	tempering...	121847	22	notch sensi-		
Stabilizing agents -				131358	365	tivity.....	124091	156
patents.....	126529	347	tensile			peening.....	131273	318
Stars, binary -			properties	131120	84	plastic deforma-		
research.....	122249	158		128889	365	tion.....	131200	157
Statistical:			effect of strain			plates -		
analysis.....	124189	33	rate....	128889	365	acoustic proper-		
	125167	90	tests....	121834	228	ties.....	122744	153
	125918	372		121847	22	defects - determi-		
	126160	309		128897	364	nation.....	122744	153
methods.....	124189	33		131034	81	stresses.....	123319	101
	124624	239		131371	363	properties.....	125679	300
	124732	166	vacuum melt-			quenching.....	131111	77
	125071	165	ing.....	131358	365	spectrophotometric		
theory.....	123086	311	vanadium con-			analysis.....	131107	84
	123947	164	tent.....	121953	23	stainless -		
	124148	30	welding....	124150	225	cold working...	124102	362
	124204	160	analysis.....	131107	84	corrosion preven-		
	124513	372	bars -			tion.....	121864	350
	124770	316	strength....	131120	84		131112	82
	125167	90	brittle failure -			tests - Italy.	121964	84
Belgium.....	125180	312	effect of			creep tests....	124101	362
Statistics -			hydrogen...	121456	226	microstructure.	124101	362
reliability...	123444	309	brittleness..	131200	157	physical		
	125196	371	carbon			properties....	124102	362
Steam:			cast - con-			radiography....	131112	82
boilers -			traction -			strength.....	124102	362
materials....	125928	298	tests....	120479	26	tensile tests..	121812	85
standards....	124928	298	crystal struc-			thermal		
pipe lines -			ture.....	131260	299	properties....	123175	26
models -			properties..	131260	299	tests.....	124101	362
tests.....	122683	174	strength....	131260	299	use in sandwich		
Steel:			stresses - re-			construction..	121633	301
aging.....	131200	157	laxation..	131260	299	welding.....	128518	230
alloys -			tensile tests	131260	299	strains.....	131200	157
brittleness ..	131288	300	cast - mechanical			strength.....	131200	157
casting.....	131120	84	tests....	122758	154	stresses.....	125679	300
crack sensi-			castings -			structural		
tivity.....	131288	300	fluidity -			compression		
creep - tests...	121953	23	tests....	122746	156	tests.....	124668	22
effect of rare			high temperature			fatigue tests.	124668	22
earth treat-			tests....	122746	156	tensile tests.	124668	22
ment.....	125860	230	mechanical			surfaces - temperature -		
embrittlement	131034	81	properties	122758	154	measurement...	131145	78
	131358	365	solidification-			welds - cracking	124150	225
fatigue.....	121834	228	tests..	120479	26			

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>
Sterilizing agents.....	129375	386	Surf.....	127749	101	Targets:		
Stochastic methods.....	123982	165	forecasting...	127748	101	detection.....	121799	94
Storms, magnetic theory.....	125875	368	Surface(s):			gunnery - impact tests.....	125077	171
Stain(s): distribution... mathematical analysis.....	124863	304	absorptive properties.....	125575	214	Teeth - caries - research.....	125534	79
Stratosphere: composition.... radiation - absorption.... water vapor content.....	125879	363	active agents - toxicity.....	124700	148	Telfon - damping capacity.....	121701	163
Strela (digital computer).....	125595	367	contact - lubrication - testing equipment.....	125673	297	Telemetering.....	131277	353
Streptococcus infections - prevention....	125595	367	rotation.....	125679	300	Television:		
Stress(es): analysis.....	129032	224	mathematics - theory.....	125021	311	biological application..	125179	15
methods.....	125199	240		125022	310	cameras.....	125582	354
photoelastic - analysis.....	131162	306		125023	308	educational value.....	125179	15
propagation - theory.....	123319	101	metallic - adsorptive properties	121971	22	research.....	124210	210
psychological.. effect on performance....	124213	374	temperature - measuring equipment..	131145	78	transmission.....	124210	210
thermal..... theory.....	125157	314	wettability...	125376	166	Temperature:		
thermal..... theory.....	125158	316	Switches, electronic - mathematical analysis....	123156	209	body - regulation - bibliography.	125896	347
effect on performance....	125159	316	Synchrodyne - performance...	122990	12	measurements - Fort Churchill, Canada.....	125046	233
thermal..... theory.....	127983	244	Synchronous machines - theory.....	124624	239	physiological effects.....	124618	314
thermal..... theory.....	128566	245	Synchrotrons...	124590	34	Tension - measuring equipment.....	122150	225
thermal..... theory.....	124367	89	accelerators..	124178	313	Terrestrial magnetism - measurement..	125619	303
	124898	96	design.....	124162	93	Testosterone - physiological effects.....	124074	377
Strong Vocational Interest Blank.	125868	379	proton - theory - Gt. Brit...	124577	375	Tests, officer qualification	124133	87
Structural: engineering....	124300	246	theory - Gt. Brit...	124572	375	Textiles, water repellent - contamination	123179	204
indexes.....	121505	245	T			Thallous ions: energy levels...	124265	8
materials - elasticity....	126199	150	Tables:			luminescence....	124265	8
stress analysis.	128566	245	mathematical..	121966	30	Thermal: analysis - equipment.....	121999	77
Structures, marine - shock resistance.....	126199	150		122455	33	conductivity - measurements...	125863	374
STsM (digital computer).....	125450	221		123080	165	Gt. Brit.....	124573	372
STUB-meters - design.....	131046	77		124558	167	measuring equipment....	125863	37
Styrene-methylmethacrylate solutions - analysis.....	131261	289		124732	166	131308	312	
Submarines: air - analysis..	122741	150		125189	91	Thermonic emission - measurement..	124931	214
batteries chemical analysis....	122679	8		125194	240	Thermistors - uses.....	123592	153
tests.....	120603	100		125630	238	Thermocouples: calibration.....	131308	312
Sulfonates - fractionation....	131228	348		125634	168	materials.....	124154	152
Sulfur: compounds preparation...	131178	173		128023	356	tests.....	128370	238
effect on rubber.....	131091	173		125027	212	thermal conductivity.....	131308	312
Sun - prominences..	125620	231		125100	304	uses.....	128370	238
Sunspots - studies.....	122762	142	TACAN (Tactical Air Navigation system)....	111344s	145	128526	247	
			Tanks combat sinkage...	123107	41	Thermodynamics: tables.....	124663	206
			electrolytic..	111792	356	theory.....	131098	227
			fuel - aircraft....	122307	318	Belgium.....	125180	312
			materials...	131301	209	Netherlands....	124766	312
			sealing materials..	121911	36	Thermometers:		
			coatings.....	121911	36	testing equipment.....	125034	361
			fire protection	122307	318	tests.....	125034	361
				127839	176			
			jettisonable...	131187	161			
			Tape, computer - materials....	123928	151			

PB	Page	PB	Page	PB	Page
Thermoreceptors:		Titanium alloys (Cont.)		compounds -	
bibliography....	125896	impact		production.....	125897 350
effects of chemicals -		properties -		crucibles -	126873 350
bibliography	125896	effect of tem-		materials.....	121948 26
Thesis -		ture.....	127336 80	crystal structure	131115 82
evaluation.....	124940	tests.....	131114 83	deformation.....	121608 227
Thiophenol - reac-		effect of tem-		effect of hydrogen	121786 9
tions.....	123737	perature... 131109 83			125201 225
Thorium - determina-		mechanical		electrical proper-	
tion.....	131244	properties. 121890 229		ties.....	121629 300
Thrust:		131049 26		electrodeposition	121958 81
ejectors - flow -		effect		friction.....	121885 26
theory.....	127617	carbon.... 131105 83		heat treatment...	121693 157
measurements....	128893	grain size 121978 25		131110 84	
	128894	oxygen.... 131105 83		hydrogen content	121761 8
Thurstone color-form		strain rate 131043 84		impact tests....	131109 83
dominance		temperature 131043 84		iodide -	
test	124986	131105 83		orientation....	121693 157
Thyroid -		131118 83		recrystalliza-	
physiology.....	124533	microstructure	131114 83	tion.....	121693 157
Tides - analysis	21	nitriding pro-		stress analysis.	121693 157
Timber, tropical	127748	cess.....	131103 85	lubricants.....	121610 225
Time study.....	124527	notch sensi-		machinability....	121885 26
Tin compounds,	222	tivity.....	121627 24	magnetic proper-	
organometallic -		131109 83		ties.....	121629 300
trimethyl....	124899	oxidation.... 131106 79		mechanical	
Tire(s):		physical proper-		properties -	
aircraft -		ties..... 121629 200		effect of	
components....	128656	plastic defor-		carbon..... 131105 83	
load tests....	128656	mation.... 121608 227		nitrogen..... 131105 83	
fabrication....	128656	relaxation		oxygen..... 131105 83	
fabric - tests..	128656	tests..... 121978 25		melting..... 131241 228	
Tissue:		spectrographic		metallurgy - effect	
chemistry.....	124607	analysis... 131185 157		of heat treat-	
	131207	stability.... 131105 83		ment.....	131105 83
enzyme content..	124607	surface treat-		microanalysis....	131115 82
homogenizing equip-		ment..... 131103 85		nitriding process	131103 85
ment.....	131207	tensile		notch sensitivity	121627 24
Titanium:		properties.. 121608 227			131105 83
alloys -		121978 25			131109 83
additives....	131103	124790 26		optical proper-	
analysis....	131119	125211 365		ties..... 121629 300	
bending tests..	121626	127334 85		physical proper-	
casting -		127336 80		ties..... 121629 300	
evaluation....	127334	131110 84		plastic flow....	121608 227
	127336	tests..... 121786 9		porosity..... 121628 300	
research.....	127334	121812 85		production.....	125907 140
compression		131043 84		sheet - bending	
tests.....	121605	131114 83		tests..... 121626 22	
creep tests....	121978	131381 364		surface treatment	121885 26
	125211	thermal proper-		tensile proper-	
crystal struc-	131043	ties..... 131043 84		ties..... 121693 157	
ture.....	131115	131381 364		131110 84	
ductility.....	121626	weldability.. 128518 230		thermal proper-	
effect of		131049 26		ties..... 121629 300	
argon.....	131110	welding,		use in airplanes.	121633 301
hydrogen.....	121786	arc..... 131109 83		121885 26	
	9	131114 83		124790 26	
embrittlement..	121890	analysis..... 121761 8		vanadium alloys -	
	229	131119 69		hardening.....	121890 229
fatigue.....	131049	atomic struc-		welding, arc....	131109 83
	26	ture..... 121629 300		zirconium-oxides	
formability....	128518	bonding proper-		equilibrium	
	230	ties..... 121958 81		diagrams.....	121981 24
hardening.....	121608	casting..... 127334 85		reactions.....	121981 24
	227	127336 80		TNT - detonation -	
hardness tests.	121890	research..... 127336 80		Gt. Brit..... 128369 160	
	229	chlorides -		p-Tolunethiol -	
heat treatment.	131113	equilibrium		reactions..... 122955 205	
	84	diagrams... 125907 140		Tools, cutting:	
	131114	reaction mechan-		materials..... 131004 85	
	83	isms..... 125907 140		temperature..... 131004 83	
hydrogen con-	121761	coatings..... 121610 225			
tent.....	8	121885 26			
		125203 349			

<u>PB</u>	<u>Page</u>	<u>PB</u>	<u>Page</u>	<u>PB</u>	<u>Page</u>		
Topography:		drift tubes...	122893	16	Tubes:		
Fort Churchill, Canada.....	125046	electrochemical - design.....	131251	216	aluminum alloy - stress analy-		
research - Galveston Bay, Tex.....	125605	properties...	131251	216	sis.....	128373	227
Topology.....	123156	uses.....	131146	76	drift.....	122893	16
	124234	helix.....	122893	16	electron		
Tornadoes:		inductance - design.....	125906	19	design.....	121839	13
formation - theory.....	125095	magnetic.....	125906	19	performance...	125151	72
Worcester, Mass	125159	Transformations (mathematics).	122230	19	steel - fatigue	128373	227
Torque:		123156	209	television.....	125532	354	
calculation....	125174	124232	166	traveling wave..	131257	215	
propeller.....	120176	124719	164	design.....	122990	12	
measurement....	128376	124851	166	focusing.....	131031	74	
	131272	124852	166	life tests....	125155	12	
viscous - calculation...	124287	124868	15	noise.....	131022	16	
Torsion:		124910	90	Tubing:			
elastic - plastic.....	125879	124911	92	aircraft.....	128373	227	
measuring equip- ment.....	121895	125021	311	copper - nickel			
Towing tanks - tests.....	125093	125022	310	alloys - crack-			
Townsend coefficient (ionization)...	131134	125023	308	ing.....	121877	226	
Toxicity - determination..	125600	125071	165	Tungsten - isotopes - energy levels...	125378	167	
Tracer(s):		125233	309	Turbines:			
application, radioactive - chemical....	121652	125529	146	blades - vibration.....	125213	247	
radioactive - biological....	121984	125532	146	gas -			
metals.....	121956	126736	357	bearings.....	121935	39	
Tracking:		Transformers, impedance - tests.....	123288	73	combustion		
equipment - design.....	125974	Transistors: circuits - components..	131264	354	chambers....	128900	381
	131220	125175	210	fuel injection - Canada.....	125026	385	
	131330	131240	147	liquid injec-			
one-dimensional - tests.....	124680	131277	353	tion.....	124449	38	
operator response - measurement...	124680	gold bonding	121742	14	temperature - measure-		
theory.....	124680	Junction - circuits..	125569	15	ment.....	128534	221
psychological aspects.....	124680	Translations - bibliography - Gt. Brit..	118837	205	thermodynamics - Canada.....	125026	385
	125974	Transmission lines, strip - uses.....	131019	74	radial flow - components - testing		
two-dimensional - tests.....	125974	Transportation: economics....	124657	249	equipment....	125604	361
visual.....	124121	geographic aspects.....	125602	386	cooling.....	125603	361
Trade routes:		Trees: density.....	124961	323	performance - calculation..	125604	361
Brit. Columbia	125602	reflective properties..	131136	147	Turbulence:		
Japan.....	125602	Tricomi equations....	124911	92	ionospheric - theory.....	124679	28
Training - transference...	124975	Triplanes - aerodynamics	123635	98	isotropic.....	124753	310
	128531	Tritium - determination	124916	302	mathematical analysis.....	123583	164
Trajectories:		Tropical deterioration - tests.....	121952	153			
guided missile - determina-		Troposphere - temperature - effects of		measurement.....	124098	33	
tion.....	125040	radiation	124714	302	methods.....	124679	28
particle - mathematical		Trusses, soil:		research.....	131306	308	
analysis....	122424	design.....	124930	220	2024-T3 (Aluminum alloy).....	124407	80
water droplet - calculation...	111792	operation....	124930	220		124417	156
photographic analysis....	122235	TS-148/UP (spectrum analyzer)	123327	78	Twill - dyes and dyeing.....	122860	37
Transducers:		TS-329/U (radio antenna)...	122765	70	Type - legibil-		
crystal - design.....	121878			ity.....	124242	378	
	7				128525	244	
				Types - training	131224	162	
				Tyuyamunite - microstruc-			
				ture.....	127074	368	
					U		
				Ultrasonic(s):			
				effects on			
				metals.....	128664	228	
					131084	158	

<u>PB</u>	<u>Page</u>	<u>PB</u>	<u>Page</u>	<u>PB</u>	<u>Page</u>
Ultrasonics - (Continued)		Variance - (Continued)		Visual - (Continued)	
welding.....	128664 228		125609 309	124896 172	
	131083 153		126160 309	125077 174	
	131084 158	Vector analysis	124212 371	tests.....	124085 171
propagation in		Vehicles:		research.....	124542 93
solids.....	125052 240	amphibious...	127749 101	Germany.....	124007 36
testing.....	123589 166	military -		131258 243	
	125645 19	design.....	123107 41	124635 171	
	131046 77	track -		Vitamins -	
uses.....	131147 90	design.....	123107 41	therapeutic	
	131361 362	Velocity:		use.....	124031 298
Ultraviolet		angular - theory -		Vocabulary tests	125864 379
illumination	120593 151	Canada....	124696 100	Vocational	
Uniforms, military -		calculation..	124732 166	interests.....	125868 379
measurements...	131183 169	discrimina-		Voice:	
Uranium -nuclear		tion.....	124542 93	inflection.....	124589 94
properties -		Vibration:		physiology.....	124138 70
Gt. Brit.....	124585 374	control -		Volterra equa-	
Urine - composi-		Australia..	122886 20	tions.....	124206 370
tion.....	125757 377	damping.....	124413 176	VOR (VHF omidirectional	
	V	physiological		radio range)	127847 144
V-1 (guided		effects....	121567 223	127857 144	
missile)....	125089 236	sonic - tests	131012 18	127859 144	
V-2 (guided		theory -		131136 147	
missile)....	122829 238	Australia...	122886 20	Vortex motion -	
Vacuum:		Canada.....	124709 303	theory.....	122379 27
systems -		Vinyl polymers:		124098 33	
design.....	124162 93	preparation..	131375 348	124100 159	
tubes,		thermal tests	131375 348	125226 371	
cathode ray -		Virus(es):		128888 373	
design.....	121123 74	absorption			
leakage.....	125151 72	spectra....	124063 298	W	
materials....	125151 72	infections...	124063 298	Walls, porous -	
mercury arc..	131212 143	Viscometers:		cooling....	124103 40
shields -		rotating cylinder -		Waste, radioactive -	
tests.....	120755 12	design.....	124968 221	disposals...	131085 314
klystron.....	123400 214	theory.....	124968 221	Water:	
traveling wave	123410 213	Visibility -		currents -	
design.....	123400 214	measurement..	124961 323	Arctic Ocean	124186 27
	123411 214	Vision:		desalination...	121959 249
	125154 73	acuity -		determination..	131247 351
triode -		effect of dim		exchange reactions -	
life expec-		illumina-		Arctic Ocean.	124186 27
tancy.....	122793 13	tion.....	124542 93	freezing.....	121959 249
tests.....	122793 13	measurement.	124642 93	pipe lines -	
Valence theory..	125544 375	131258 243	leaks -		
Valves, high		psychological		detection -	
pressure....	122741 150	aspects...	131258 243	Gt. Brit....	124571 375
Vanadium:		dark adaptation -		pressure	
compounds - micro-		effect of		measurements -	
structure...	127074 368	bright illumini-		Arctic Ocean	124186 27
pentoxide - effect		nation....	122680 34	theory -	
on metals...	128511 225	light		Arctic Ocean	124186 27
permendur (trade		flashes...	125186 298	purification equip-	
name).....	131050 293	illumina-		ment.....	121959 249
Vanes, shear -		tion....	120601 237	sound reflection -	
uses.....	125914 361	red illumina-	122680 34	measurement	125605 386
Vapor(s):		tion.....	124642 93	supply,	
absorption -		measurement..	124642 93	ground.....	124916 302
measuring equip-		testing equip-	125223 245	systems -	
ment.....	125596 224	ment.....	125223 245	design.....	124300 246
pressure -		effect of		tritium content	124916 302
measuring equip-		fatigue...	131258 243	vapor -	
ment.....	123998 9	red adaptation	131032 37	absorption....	123971 73
toxicity - testing		Visual:		adsorption....	123990 10
equipment...	125596 224	display sys-		condensation -	
Variance -		tems.....	124242 378-9	theory.....	126701 368
analysis....	122250 94	perception...	124007 36	transference..	131219 246
	123086 311	effects of low		Wattmeters, RF:	
	124148 30	illumination	128525 244	maintenance and	
	124204 160	psychological		repair.....	125540 360
	124660 212	aspects...	124085 171	operation.....	125540 360
	124741 90		124242 378-9	Wave(s):	
	124770 316			detonation - struc-	
				ture).....	128369 160

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>
electromagnetic - absorption.....	126113	304	Webbing:				Windshields - Continued	
attenuation.....	124472	232	cotton - fungus proofing.....	131158	174	optical proper- ties.....	127832	174
coupling.....	124016	292	parachute.....	131158	174	Wing(s):	123943	237
diffraction - theory.....	124713	142	Wedges - pressure distribution..	125626	373	aerodynamics.... effect of spoilers.....	125762	373
	124716	14	Welding:			aspect ratio....	125677	319
	125112	11	spot - effect			124471	99	
	125191	356	of ultrasonics	128664	228	125736	383	
	125225	213		131083	153	boundary layer	125680	320
generation.....	125096	143	ultrasonic - tests.....	131084	158	drag - effect of aspect ratio.....	124418	100
measurements....	123177	213	Wetting agents	125376	166	theory.....	124471	99
radiation.....	126113	304	Winches, cargo	121920	101	flaps - controls.....	125676	320
scattering.....	124695	145	Wind(s):			deflection....	124447	99
theory.....	124713	142	energy spectrum - theory.....	125886	365	deflection....	124414	321
	125152	73	ionospheric - measurements	124679	28	high lift devices.....	123625	98
	125191	356				124445	99	
transmission....	125027	212	measurements -			jet assisted - lift coefficients	124416	100
	126113	304	Fort Churchill, Canada....	125046	233	124418	100	
guides - joints.....	122787	16	mesospheric - measurements	125095	302	slotted	124478	98
rectangular - theory.....	124695	145	tunnels - aerodynamics	125871	383	trailing edge - high lift devices.....	124414	321
in water - mathematical analysis.....	124918	101	high speed - aerodyn- mics.....	125872	381	lift.....	124447	99
magneto-hydrodynamic - theory.....	125619	303	air flow...	125165	320	125670	321	
motion - equa- tions.....	124726	302	equipment			128376	246	
	128898	371	design....	125872	381	loading - calcu- lation.....	125751	383
ocean - forecasting....	124163	322	velocity distri- bution....	125165	320	mach number effects.....	125656	99
	127748	101	nozzles....	124646	248	pressure distribution - theory.....	125656	99
generation - Gulf of Mexico	124909	101	design....	124729	319	rectangular - aspect ratio...	124414	321
measurement - Anaheim, Calif.	122587	294	operation...	125759	360	lift.....	124414	321
measuring equip- ment.....	124548	361	subsonic - velocity...	125165	320	rotating - loads.....	124442	39
	125035	359	walls - effect....	125165	320	theory.....	124413	176
records - analy- sis.....	125035	359		124465	40	124442	39	
surface elevation - effect of winds - Gulf of Mexico	124909	101	supersonic.. air condi- tions....	124729	319	span load distri- bution.....	124415	320
theory.....	127748	101		124476	100	125728	382	
propagation - compressibility effects.....	128898	371	temperature control equipment	124769	78	125747	384	
velocity.....	128898	371		125094	359	stability - effects of fuselage....	124438	99
visco-elastic materials....	124213	274	flow....	121708	40	sweptback - aerodynamics - Canada.....	122589	97
Wear - measurement	131113	84	nozzles....	121708	40	design - Canada.....	122589	97
Weather; charts			design....	125081	178	theory.....	131072	317
Pacific Ocean..	123106	158	Canada....	124655	99	triangular - aspect ratio...	124371	40
forecasting - Sweden.....	124289	159	tests....	125081	178	Sweden.....	122872	40
aids.....	125182	361	testing equip- ment....	121677	297	damping - Sweden.....	122872	40
Japan.....	125184	303	tests -			drag.....	124370	39
long range....	123449	27	data analy- sis....	123185	248	interference...	124370	39
theory.....	122379	27	methods....	125742	384	124371	40	
mathematical analy- sis.....	124861	158	transonic - blocking...	125113	98	lift.....	125751	383
methods.....	124628	158	design....	124731	39	pitching moment.....	124371	40
	125067	301	Canada....	125113	98	stability.....	124361	97
	125079	302	tests -			wind tunnel tests - Sweden.....	122872	40
	125184	303	Canada....	125113	98	vibration - calcula- tions.....	124465	40
Japan.....	124226	27	velocities - measure- ments....	125036	366			
orographic effects.....	124226	27		125183	361			
short range - methods.....	125215	368	Windshields: aircraft - materials...	127832	174			
use of upper air charts.....	124757	86	laminated glass - impact tests	122305	6			
	125079	302						

	<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>		<u>PB</u>	<u>Page</u>	
Wollastonite:			Wounds:						
reactions with			research.....	125006	223		Yawning moments -		
carbon			therapy.....	123995	224	calculation..	124415	320	
dioxide....	124800	369		X		Young's modulus	121701	163	
thermal proper-			X-rays:					123589	166
ties.....	124800	369	absorption....	125019	374	Z			
Wood:			diffraction...	131145	78	Z-marker			
deterioration	124959	222	analysis.....	124281	69	(Antenna)..	123544	71	
insect proof-			equipment...	123744	352	Zinc:			
ing.....	124959	222	intensities -	125076	370	analysis.....	125205	208	
preservation..	124959	222	measurements.	124537	34	damping capa-			
properties....	124527	222	measuring equip-			city.....	121701	163	
pulp - hydrolysis -			physiological	124536	21	diffusion.....	122412	33	
Sweden.....	124750	222	effects....	125019	374	phosphates -			
use in packag-			spectroscopy	124750	222	x-ray diffrac-			
ing.....	125525	78	Xylan - Sweden			tion.....	125205	208	
uses.....	124527	222		Y		Zirconium:			
Wool:						determination	131244	140	
compression						tetrachloride -			
tests.....	124004	317				molecular			
resilience....	124004	317				weight.....	124170	68	
Words:						x-ray inspec-			
association...	124059	309	Yarn, nylon:			tion.....	124190	68	
effect of sex	123448	244	stretching....	125426	204	thermal proper-			
memory.....	124059	309	testing equip-			ties.....	123175	26	
Work simplifi-			ment.....	125426	204				
cation.....	121802	95							
	131248	315							

PB Reports-Numerical Index

PB	Page	PB	Page	PB	Page	PB	Page	PB	Page	PB	Page	PB	Page
110751r	359	121639	69	121961	16	122686	238	123354	71	123982	165		
111344s	145	121690	69	121962	75	122689	157	123356	322	123990	10		
111586r	72	121693	157	121963	65	122741	150	123357	27	123991	208		
111792	356	121694	221	121964	84	122744	153	123358	11	123995	224		
111911	25	121701	163	121965	158	122745	146	123359	71	123996	242		
111917	5	121708	40	121966	30	122746	156	123360	160	123996s	242		
111996r	152	121736	7	121970	38	122758	154	123361	73	123998	9		
118310s3	172	121742	14	121971	22	122761	157	123380	73	123999	220		
118837s	205	121757	14	121977	21	122762	142	123381	13	124000	290		
120176	322	121761	8	121978	25	122765	70	123387	83	124001	211		
120479	26	121765	71	121979	247	122766	14	123395	11	124004	317		
120568	152	121765s	357	121980	12	122787	16	123396	24	124007	36		
120592	29	121786	9	121981	24	122789	38	123400	214	124008	376		
120593	151	121791	24	121982	10	122793	13	123409	147	124010	243		
120599	139	121799	94	121984	20	122805	148	123410	213	124011	223		
120601	237	121801	23	121986	207	122829	238	123411	214	124012	315		
120603	100	121802	95	121990	17	122850	238	123417	14	124014	250		
120624	19	121807	170	121991	17	122859	149	123441	213	124015	92		
120636	15	121812	85	121993	41	122860	37	123444	309	124016	292		
120639	15	121834	228	121998	5	122862	141	123446	223	124017	312		
120640	15	121839	13	121999	77	122872	40	123447	224	124019	304		
120677	11	121839s	213	122127	91	122884	242	123448	244	124028	30		
120681	13	121847	22	122142	88	122886	20	123449	27	124031	298		
120682	10	121854	360	122154	91	122887	102	123465	5	124058	298		
120683	321	121855	152	122156	8	122888	102	123469	208	124059	309		
120685	15	121856	67	122157	95	122893	16	123472	167	124063	298		
120695	29	121864	350	122160	235	122904	25	123542	241	124066	37		
120724	10	121877	226	122162	68	122940	238	123543	240	124071	292		
120755	12	121878	7	122211	249	122946	163	123544	71	124072	291		
120766	11	121884	38	122230	19	122948	206	123550	71	124073	315		
121123	74	121885	26	122235	27	122955	205	123553	97	124074	377		
121127	82	121888	77	122243	322	122965	19	123555	11	124083	314		
121143	85	121890	229	122244	323	122990	12	123580	245	124085	171		
121189	154	121892	18	122245	233	123037	223	123581	245	124086	321		
121230	163	121895	24	122246	70	123080	165	123583	164	124089	73		
121234	175	121898	36	122248	171	123086	311	123584	139	124091	156		
121256	175	121907	207	122249	158	123106	158	123587	242	124092	322		
121266	67	121908	68	122250	94	123107	41	123588	164	124093	210		
121272	289	121911	36	122298	150	123108	213	123589	166	124095	305		
121284	78	121914	17	122299	319	123116	33	123590	219	124098	33		
121332	246	121919	39	122301	14	123131	309	123591	164	124099	14		
121341	68	121920	101	122305	6	123138	321	123592	153	124100	159		
121342	9	121922	17	122306	37	123139	226	123635	98	124101	362		
121359	38	121924	7	122307	318	123145	71	123636	95	124102	362		
121369	170	121925	16	122317	170	123155	150	123726	205	124103	40		
121423	150	121926	19	122379	27	123156	209	123737	209	124104	156		
121424	20	121927	74	122410	25	123158	308	123738	91	124105	150		
121450	67	121928	18	122412	33	123170	150	123741	137	124106	179		
121456	226	121930	19	122420	30	123174	206	123742	206	124107	162		
121484	25	121935	39	122424	32	123175	26	123744	352	124108	375		
121526	24	121937	147	122453	31	123176	239	123824	224	124114	233		
121547	147	121938	92	122455	33	123177	213	123908	67	124116	159		
121550	248	121941	28	122587	294	123179	204	123909	75	124119	87		
121553	23	121943	66	122589	97	123183	32	123912	293	124121	93		
121567	223	121944	22	122608	82	123185	248	123928	151	124126	88		
121605	245	121945	99	122619	11	123202	28	123929	151	124133	87		
121608	227	121946	75	122652	11	123218	15	123930	150	124138	70		
121610	225	121947	19	122654	13	123286	86	123931	151	124141	146		
121626	22	121948	26	122655	12	123288	73	123932	152	124142	157		
121627	24	121949	141	122657	144	123319	101	123933	219	124143	164		
121628	300	121952	153	122660	230	123327	78	123934	219	124147	162		
121629	300	121953	23	122665	149	123330	75	123942	76	124148	30		
121633	301	121954	6	122668	14	123331	71	123943	237	124150	225		
121652	93	121955	168	122677	7	123332	73	123944	321	124154	152		
121677	297	121956	156	122679	8	123337	11	123947	164	124155	145		
121679s	37	121957	217	122680	34	123338	11	123952	138	124157	365		
121680	317	121958	81	122683	174	123339	16	123964	10	124158	88		
121682	6	121959	249	122684	322	123352	74	123970	13	124159	300		
121684	205	121960	5	122685	322	123353	71	123971	73	124162	93		

PB	Page	PB	Page	PB	Page	PB	Page	PB	Page	PB	Page
124163	322	124370	39	124584	376	124746	307	124907	68	125071	165
124164	304	124371	40	124585	374	124747	306	124908	70	125072	154
124165	150	124372	99	124586	376	124748	307	124909	101	125073	143
124166	150	124393	38	124588	322	124749	307	124910	90	125074	233
124170	68	124395	31	124589	94	124750	222	124911	92	125075	148
124173	9	124404	176	124590	34	124751	288	124913	367	125076	370
124174	102	124405	82	124598	65	124753	310	124916	302	125077	171
124176	313	124406	98	124599	163	124754	72	124918	101	125078	248
124177	240	124407	80	124607	34	124755	234	124919	376	125079	302
124178	313	124408	80	124615	172	124757	86	124924	81	125080	232
124179	374	124409	98	124616	94	124758	89	124925	167	125081	178
124182	93	124410	178	124617	222	124759	297	124929	148	125082	217
124184	92	124411	31	124618	314	124762	212	124930	220	125083	167
124186	27	124412	177	124620	243	124763	169	124931	214	125085	374
124187	142	124413	176	124624	239	124764	162	124932	243	125088	235
124188	222	124414	321	124625	248	124765	161	124939	144	125089	236
124189	33	124415	320	124626	248	124766	312	124940	236	125090	235
124190	6	124416	100	124627	212	124767	313	124941	237	125091	321
124192	87	124417	156	124628	158	124769	78	124959	222	125092	100
124197	322	124418	100	124629	165	124770	316	124961	323	125093	101
124198	373	124424	98	124630	164	124771	310	124962	243	125094	359
124202	373	124432	157	124635	171	124772	302	124964	218	125095	302
124203	359	124433	320	124636	170	124776	86	124965	218	125096	143
124204	160	124435	20	124637	34	124780	36	124968	221	125099	293
124205	30	124438	99	124639	161	124781	88	124975	172	125100	304
124206	370	124439	31	124642	93	124783	169	124976	137	125101	234
124208	209	124442	39	124646	248	124788	307	124977	137	125103	238
124210	210	124445	99	124653	218	124789	237	124978	138	125105	239
124212	371	124446	174	124655	99	124790	26	124988	206	125110	209
124213	374	124447	99	124656	205	124791	94	124991	137	125112	11
124214	355	124449	38	124657	249	124796	137	124994	209	125113	98
124215	77	124465	40	124658	166	124799	34	124995	211	125114	160
124216	77	124471	99	124659	28	124800	369	124998	218	125118	162
124217	238	124472	232	124660	212	124801	32	125004	217	125119	169
124218	309	124475	38	124663	206	124804	313	125005	357	125120	163
124219	165	124476	100	124668	22	124805	7	125006	223	125121	165
124223	353	124478	98	124677	241	124811	87	125014	356	125129	236
124226	27	124483	158	124679	28	124819	97	125015	385	125133	288
124229	386	124488	79	124680	36	124822	87	125016	353	125134	164
124231	166	124489	5	124692	313	124829	142	125017	360	125137	311
124232	166	124497	141	124695	145	124830	310	125018	366	125139	310
124233	378	124501	141	124696	100	124833	32	125019	374	125140	76
124234	209	124503	173	124697	100	124844	31	125021	311	125141	88
124235	371	124505	145	124698	218	124845	17	125022	310	125142	88
124242	378	124513	372	124700	148	124847	35	125023	308	125143	90
124244	375	124515	352	124702	231	124849	97	125024	144	125144	6
124245	27	124516	351	124703	244	124851	166	125025	235	125145	35
124248	146	124527	222	124707	240	124852	166	125026	385	125146	210
124252	241	124531	21	124708	305	124853	311	125027	212	125147	303
124254	28	124532	35	124709	303	124854	8	125028	347	125148	313
124265	8	124533	21	124710	102	124855	292	125029	31	125149	89
124269	161	124534	35	124711	216	124856	211	125029S	7	125150	91
124281	69	124535	21	124712	142	124857	12	125030	31	125151	72
124286	291	124536	21	124713	142	124858	33	125031	32	125152	73
124287	240	124537	34	124714	302	124860	310	125033	229	125154	73
124288	171	124538	20	124716	14	124861	158	125034	361	125155	12
124289	159	124539	21	124717	143	124863	304	125035	359	125156	316
124290	89	124540	35	124719	164	124864	86	125036	366	125157	314
124291	218	124542	93	124720	219	124866	34	125037	360	125158	316
124292	151	124546	219	124721	239	124868	15	125039	353	125159	316
124293	316	124547	29	124722	87	124869	72	125040	232	125161	209
124297	149	124548	361	124723	178	124870	15	125041	159	125162	244
124299	95	124550	216	124726	302	124883	241	125042	310	125163	291
124300	246	124551	291	124727	296	124888	314	125043	295	125165	320
124356	318	124556	222	124729	319	124889	303	125046	233	125166	9
124357	295	124557	172	124731	39	124891	102	125047	231	125167	90
124360	178	124558	167	124732	166	124894	77	125048	301	125168	29
124361	97	124571	375	124733	149	124895	36	125051	151	125169	305
124362	320	124572	375	124734	146	124896	172	125052	240	125170	377
124363	178	124573	372	124736	311	124897	67	125054	159	125171	165
124364	96	124574	375	124741	90	124898	96	125055	224	125173	91
124365	96	124575	361	124742	306	124899	67	125057	301	125174	167
124366	98	124577	375	124743	307	124900	72	125068	208	125175	210
124367	89	124578	376	124744	307	124901	138	125069	234	125177	242
124369	39	124583	347	124745	307	124904	315	125070	356	125179	15

PB	Page	PB	Page	PB	Page	PB	Page	PB	Page	PB	Page
125180	312	125544	375	125683	381	125881	227	127241	351	128375	231
125182	361	125546	379	125684	385	125883	218	127242	351	128376	246
125183	382	125547	379	125685	364	125884	371	127310	308	128410	304
125184	303	125548	380	125728	382	125885	308	127332	350	128430	229
125185	223	125549	380	125736	383	125886	365	127333	234	128431	153
125186	298	125550	380	125737	365	125887	367	127334	85	128494	211
125187	217	125551	232	125738	372	125888	365	127335	90	128511	225
125188	305	125552	232	125739	364	125889	379	127336	80	128518	230
125189	91	125553	231	125740	370	125890	370	127337	301	128519	225
125190	311	125562	358	125741	384	125895	168	127339	151	128520	237
125191	355	125563	358	125742	384	125896	347	127339	152	128521	243
125192	228	125564	378	125743	382	125897	350	127343	66	128522	243
125193	219	125565	236	125744	384	125901	303	127344	66	128525	244
125194	240	125567	66	125745	384	125902	288	127345	66	128526	247
125196	371	125568	357	125746	368	125905	353	127417	227	128527	228
125198	366	125569	15	125747	384	125906	19	127611	360	128530	207
125199	240	125570	354	125748	384	125907	140	127617	384	128531	239
125200	212	125572	75	125749	364	125908	89	127721	231	128532	227
125201	225	125575	214	125750	384	125912	358	127748	101	128534	221
125202	236	125576	95	125751	383	125913	360	127749	101	128535	235
125203	349	125578	237	125752	383	125914	361	127750	175	128558	232
125204	207	125582	354	125753	382	125915	372	127751	175	128645	208
125205	208	125590	378	125754	385	125917	364	127771	155	128656	317
125206	247	125594	366	125755	375	125918	372	127832	174	128664	228
125207	370	125595	367	125756	383	125919	355	127835	177	128665	239
125208	214	125596	224	125757	377	125920	371	127836	177	128666	245
125209	231	125599	298	125758	382	125921	5	127837	176	128785	221
125211	365	125600	377	125759	360	125923	355	127838	176	128786	219
125212	373	125601	380	125760	381	125924	355	127839	176	128787	218
125213	247	125602	386	125761	383	125926	348	127840	151	128817	347
125215	368	125603	372	125762	383	125928	298	127841	144	128817	347
125216	86	125604	361	125763	382	125933	294	127842	150	128885	221
125217	348	125605	386	125764	361	125963	290	127843	164	128886	219
125218	69	125606	385	125765	387	125971	311	127844	175	128887	218
125219	220	125607	233	125768	301	125974	316	127845	177	128888	373
125220	223	125609	309	125812	168	125975	293	127846	150	128889	365
125221	224	125610	312	125828	205	125988	292	127847	144	128890	294
125222	312	125612	361	125831	75	125995	322	127848	151	128891	372
125223	245	125615	303	125845	348	125996	291	127849	176	128892	295
125224	210	125617	303	125846	355	126108	297	127850	174	128893	385
125225	213	125618	230	125847	362	126113	304	127851	145	128894	385
125226	371	125619	303	125848	376	126140	292	127852	177	128895	386
125227	308	125620	231	125849	377	126142	293	127853	177	128896	381
125228	347	125621	366	125850	349	126160	309	127854	168	128897	364
125229	161	125622	217	125851	368	126168	299	127855	144	128898	371
125230	171	125625	347	125852	356	126199	179	127856	177	128899	381
125231	161	125626	373	125853	376	126248	36	127857	144	128900	381
125232	210	125628	352	125854	362	126248	379	127858	175	128901	357
125233	309	125629	310	125855	358	126248S	36	127859	144	128902	358
125234	374	125630	238	125856	370	126365	292	127860	143	128964	369
125236	13	125634	168	125857	220	126409	373	127878	290	128973	350
125306	32	125643	37	125858	373	126443	351	127881	288	128996	299
125376	166	125644	29	125859	373	126505	139	127902	289	129032	224
125378	167	125645	19	125860	230	126529	347	127983	244	129033	296
125388	144	125656	99	125861	373	126535	379	128001	384	129060	378
125396	26	125657	98	125862	378	126572	309	128023	356	129072	288
125409	159	125662	100	125863	374	126629	358	128059	353	129120	380
125426	204	125663	382	125864	379	126638	155	128066	292	129373	369
125427	216	125664	368	125865	372	126639	155	128075	355	129374	386
125429	138	125667	381	125866	378	126640	155	128088	359	129375	386
125450	221	125668	306	125867	354	126641	211	128092	215	131000	12
125454	33	125669	319	125868	379	126701	368	128097	148	131001	29
125524	224	125670	321	125869	357	126736	357	128209	228	131002	139
125525	78	125671	311	125870	357	126756	296	128312	358	131003	245
125526	69	125672	318	125871	383	126799	139	128340	367	131004	85
125527	90	125673	297	125872	381	126807	348	128365	159	131005	29
125528	312	125674	306	125873	362	126873	350	128366	162	131006	65
125529	146	125675	318	125874	363	126953	351	128367	137	131008	76
125530	74	125676	320	125875	368	126954	351	128368	137	131011	75
125531	68	125677	319	125875	368	126955	351	128369	160	131012	18
125532	146	125678	296	125876	353	127074	348	128370	238	131013	139
125534	79	125679	300	125877	353	127132	366	128371	211	131014	167
125540	360	125680	320	125878	363	127186	205	128372	233	131015	208
125541	354	125681	320	125879	363	127198	355	128373	227	131016	80
125542	367	125682	320	125880	354	127239	351	128374	233	131017	72

PB	Page										
131018	153	131076	295	131122	174	131168	225	131220	213	131277	353
131019	74	131077	138	131123	207	131169	294	131221	154	131278	378
131020	140	131078	149	131124	226	131170	102	131222	313	131282	241
131021	67	131080	214	131126	347	131171	216	131224	162	131284	367
131022	16	131082	5	131127	177	131172	168	131225	299	131287	352
131023	94	131083	153	131129	214	131173	220	131226	291	131288	300
131024	6	131084	158	131130	215	131177	315	131227	289	131300	250
131025	23	131085	314	131131	229	131178	173	131228	348	131301	209
131026	305	131086	206	131132	230	131179	171	131230	296	131306	308
131028	81	131087	143	131133	211	131180	141	131235	216	131307	294
131030	96	131088	290	131134	73	131181	149	131236	216	131308	312
131030	96	131089	235	131135	86	131182	226	131240	147	131309	293
131031	74	131090	229	131136	147	131183	169	131241	228	131310	300
131032	37	131091	173	131137	145	131184	220	131242	349	131311	299
131034	81	131093	87	131138	143	131185	157	131243	296	131312	295
131035	206	131095	86	131139	226	131186	168	131244	140	131313	301
131037	248	131096	245	131140	89	131187	161	131245	155	131314	296
131038	17	131097	41	131141	88	131189	244	131247	351	131315	295
131040	89	131098	227	131142	80	131190	138	131248	315	131316	318
131041	308	131099	207	131143	76	131191	314	131250	162	131317	319
131042	18	131100	208	131144	80	131192	169	131251	216	131318	321
131043	84	131101	221	131145	78	131193	149	131252	155	131319	301
131044	67	131102	143	131146	76	131194	145	131253	288	131321	360
131045	82	131103	85	131147	90	131197	176	131254	289	131326	249
131046	77	131104	78	131148	76	131199	169	131255	290	131330	355
131048	212	131105	83	131149	76	131200	157	131256	153	131331	349
131049	26	131106	79	131150	163	131201	142	131257	215	131332	306
131050	293	131107	84	131151	92	131202	178	131258	243	131358	365
131051	10	131108	91	131152	92	131203	148	131259	154	131359	351
131052	13	131109	83	131153	96	131204	152	131260	299	131361	362
131053	70	131110	84	131154	97	131205	173	131261	289	131368	349
131055	138	131111	77	131155	96	131206	146	131262	297	131371	363
131061	81	131112	82	131156	70	131207	150	131264	354	131373	363
131062	7	131113	84	131157	71	131208	215	131265	140	131375	348
131063	8	131114	83	131158	174	131209	216	131267	317	131376	369
131064	66	131115	82	131160	241	131210	156	131268	289	131377	352
131065	153	131116	79	131162	306	131211	170	131270	316	131381	364
131066	69	131117	79	131163	314	131212	143	131271	377	131382	380
131067	220	131118	83	131164	211	131213	229	131272	319	131383	354
131068	246	131119	69	131165	352	131216	294	131273	318	131385	347
131070	247	131120	84	131166	248	131218	293	131274	179	131386	323
131072	317	131121	79	131167	178	131219	246	131276	304	131400	349
										131462	387

AEC Reports-Numerical Index

<u>AEC-No.</u>	<u>Page</u>	<u>AEC-No.</u>	<u>Page</u>	<u>AEC-No.</u>	<u>Page</u>	<u>AEC-No.</u>	<u>Page</u>
A-41	340	AECD-4064	105	AECU-3431	261	ANL-5561	278
A-530	283	AECD-4236	255	AECU-3432	106	ANL-5568	(Del.) 116
A-743	196	AECU-3038	103	AECU-3433	112	ANL-5571	197
A-779	283	AECU-3044	53	AECU-3434	122	ANL-5590	129
A-1036	283	AECU-3153	121	AECU-3454	194	ANL-5629	328
A-1038	340	AECU-3164	193	AECU-3458	330	ANL-5633	42
A-1050	341	AECU-3174	49	AECU-3462	180	ANL-5657	46
A-1053	342	AECU-3184	48	AECU-3463	181	ANL-5658	49
A-1246	340	AECU-3200	266	AECU-3467	252	ANL-5661	188
A-1247	340	AECU-3235	266	AECU-3476	194	ANL-5662	106
A-1253	340	AECU-3236	266	AECU-3478	401	ANL-5664	271
A-1267	251	AECU-3237	186	AECU-3488	186	ANL-5667	54
A-1293	330	AECU-3246	112	AECU-3497	194	ANL-5672	49
A-1298	340	AECU-3248	266	AECU-3512	330	ANL-5677	262
A-1304	342	AECU-3249	186	AEP-101	54	ANL-5679	54
A-1791	180	AECU-3259	53	AGC-AE-16	116	ANL-5684	186
A-2121	251	AECU-3261	48	AGC-AE-34	116	ANL-5685	129
A-2122	340	AECU-3267	251	AGC-AE-35	116	ANL-5688	56
A-2123	340	AECU-3297	48	AI-Memo-1684	122	ANL-5690	116
A-2155	341	AECU-3297	(Rev.) 103	AMF-GR-4-55	129	ANL-5693	271
A-2191	405	AECU-3303	266	ANL-4019	255	ANL-5696	103
A-2192	405	AECU-3304	266	ANL-4085	183	ANL-5697	56
A-2355	341	AECU-3305	266	ANL-4228	183	ANL-5698	122
A-2356	341	AECU-3307	187	ANL-4265	252	ANL-5700(Pt.A)	49
A-2357	405	AECU-3308	252	ANL-4284	267	ANL-5700(Pt.B)	116
A-2359	341	AECU-3309	187	ANL-4304	273	ANL-5710	129
A-2365	341	AECU-3310	187	ANL-4442	255	ANL-5711	278
A-2369	330	AECU-3311	187	ANL-4450	188	ANL-5713	122
A-2870	341	AECU-3312	266	ANL-4476	399	ANL-5725	181
A-2912(Vol.II, Pt. 2)	42	AECU-3313	188	ANL-4515	330	ANL-5726	197
A-2920	251	AECU-3316	187	ANL-4530	390	ANL-5729	267
A-3111	341	AEQU-3317	187	ANL-4552	330	ANL-5732	324
A-3219	186	AECU-3349	193	ANL-4564	271	ANL-5738	194
A-3648 (Del.)	255	AECU-3360	105	ANL-4740 (Rev.)	254	ANL-5739	267
A-3719	342	AECU-3370	42	ANL-4757	273	ANL-5741	252
A-3751	186	AECU-3384	194	ANL-4797 (Del.)	196	ANL-5742	273
A-3789(Sect.5)	255	AECU-3388	49	ANL-4798 (Del.)	267	ANL-5743	186
A-3789(Sec.7-A)	183	AECU-3391	121	ANL-4833	196	ANL-5745	194
A-3789(Sec. 8)	183	AECU-3392	121	ANL-4847 (Rev.)	49	ANL-5753	324
A-3789(Sect.13) (Del.)	341	AECU-3393	114	ANL-4861 (Rev.)	254	ANL-5754	399
A-3814	330	AECU-3394	103	ANL-4886	331	ANL-5755	331
A-4716	259	AECU-3396	105	ANL-4888	271	ANL-5761	336
ACCO-14	395	AECU-3400	105	ANL-4956	395	ANL-5762	255
ACRH-7	324	AECU-3401	122	ANL-4966 (Del.)	395	ANL-5765	328
AEC-tr-2872	251	AECU-3402	122	ANL-4999	182	ANL-5767	273
AEC-tr-2873	324	AECU-3404	122	ANL-5004	42	ANL-5782	402
AEC-tr-2875	330	AECU-3406	105	ANL-5043	188	ANL-5783	401
AEC-tr-2876	330	AECU-3407	261	ANL-5055	262	ANL-5792	399
AEC-tr-2924	328	AECU-3408	261	ANL-5108	260	ANL-JJK-14B-45	106
AEC-tr-2925	341	AECU-3409	261	ANL-5117	262	ANL-JTW-6	267
AEC-tr-2941	277	AECU-3410	261	ANL-5124	262	ANL-LB-SL-1053	390
AEC-tr-3005	336	AECU-3414	105	ANL-5147 (Rev.)	56	ANL-RCV-SL-1090	390
AECD-3689	105	AECU-3416	261	ANL-5175	267	ANP-71 (Del.)	267
AECD-3690	105	AECU-3417	54	ANL-5234	262	APAE-11	402
AECD-3723	42	AECU-3418	103	ANL-5289	260	APAE-Memo-85	112
AECD-3742	251	AECU-3419	116	ANL-5297	402	APAE-Memo-86	271
AECD-3752	105	AECU-3420	122	ANL-5299	116	APAE-Memo-87	336
AECD-3753	103	AECU-3421	122	ANL-5327 (Del.)	197	APDA-107	336
AECD-3755	103	AECU-3422	122	ANL-5329	49	APDA-108	122
AECD-3758	183	AECU-3423	122	ANL-5339	262	APEX-270	122
AECD-3759	105	AECU-3424	116	ANL-5341	188	APEX-299	112
AECD-3760	255	AECU-3425	122	ANL-5371	196	APEX-303	122
AECD-3763	103	AECU-3427	334	ANL-5376	262	APEX-320	399
AECD-3770	129	AECU-3427	(Add.) 273	ANL-5380	116	APEX-321	267
AECD-3771	129	AECU-3428	106	ANL-5461	197	ASAE-5	129
AECD-3772	129	AECU-3429	252	ANL-5471	277	BAW-2 (Del.)	278
AECD-3774	129	AECU-3430	182	ANL-5511	277	BAW-1004	197
AECD-3855	251			ANL-5530	188	BAW-1009	197
				ANL-5539	328	BAW-1011	197

<u>AEC-No.</u>	<u>Page</u>	<u>AEC-No.</u>	<u>Page</u>	<u>AEC-No.</u>	<u>Page</u>	<u>AEC-No.</u>	<u>Page</u>
BAW-1012	197	BNL-439	271	CF-51-8-230	263	CF-53-3-47	103
BAW-1017	278	BNL-446	333	CF-51-8-232	279	CF-53-3-246	256
BBC-21	117	BNL-447	272	CF-51-8-287	112	CF-53-4-277	196
BBC-50	328	BNL-453	334	CF-51-8-290	274	CF-53-5-20	342
BM-II-84	328	BNL-1573	267	CF-51-9-115	256	CF-53-5-78	
BM-243A	262	BNL-1811	255	CF-51-9-152	181	(Del.)	342
BM-252	284	BNL-1901	196	CF-51-9-177	106	CF-53-5-112	334
BM-719 (Del.)	328	BNL-2097	274	CF-51-10-31	183	CF-53-5-202	279
BM-721	262	BNL-2221	271	CF-51-10-71	256	CF-53-5-208	267
BM-752	262	BNL-2811	187	CF-51-10-91	188	CF-53-6-105	256
BM-763	188	BNL-3110	122	CF-51-10-94	198	CF-53-6-110	183
BM-802	262	BNL-3145	278	CF-51-10-110	279	CF-53-6-138	183
BM-805	262	BNL-3146	197	CF-51-10-138	106	CF-53-6-147	279
BM-881	188	BRB-1	129	CF-51-10-204		CF-53-6-158	57
BM-887	117	BRB-34	117	(Del.)	390	CF-53-6-166	252
BM-893	49	BRB-35	118	CF-51-10-221	331	CF-53-6-203	280
* BM-894	49	CC-1379	187	CF-51-11-28	198	CF-53-7-100	280
BM-915	117	CC-1677	196	CF-51-11-65		CF-53-7-130	183
BM-923	117	CC-1980	262	(Del.)	391	CF-53-7-136	280
BM-926	117	CC-2322 (Del.)	196	CF-51-11-66	284	CF-53-7-183	391
BM-932	117	CC-3402	181	CF-51-11-94	336	CF-53-8-95	
BM-942	117	CC-3576	390	CF-51-12-48	263	(Del.)	274
BM-946	117	CE-952	274	CF-51-12-50	252	CF-53-8-149	43
BM-955	117	CE-973	188	CF-51-12-158	256	CF-53-8-225	280
BM-961	50	CE-2544	395	CF-51-12-171	331	CF-53-9-111	280
BM-965	50	CE-2816	274	CF-52-1-22	256	CF-53-9-150	280
BM-966	117	CEP3-1121		CF-52-1-76		CF-53-9-188	183
BM-967	117	(Del.)	278	(Del.)	279	CF-53-10-22	280
BM-971	117	CEPS-1129	56	CF-52-1-137	279	CF-53-10-23	280
BM-983	50	CERD-0005-		CF-52-1-181	42	CF-53-10-24	
BM-986	50	RS-5	401	CF-52-1-194	42	(Rev.)	130
BM-1048	262	CERD-SIC-106	252	CF-52-2-12	129	CF-53-10-39	280
BM-1049	262	CF-47-3-8	274	CF-52-2-50	106	CF-53-11-191	256
BM-1073	284	CF-48-1-175	103	CF-52-2-76	279	CF-53-11-210	280
BM-1074 (Del.)	395	CF-48-7-48	129	CF-52-2-113	256	CF-53-12-1	280
BM-1078	50	CF-49-1-239	255	CF-52-2-131		CF-53-12-119	274
BM-1087	50	CF-49-4-141	255	(Del.)	391	CF-53-12-187	274
BM-1090 (Del.)	395	CF-49-4-236	197	CF-52-2-149	256	CF-54-1-81	280
BM-1096	50	CF-49-8-231	198	CF-52-2-150	391	CF-54-2-99	342
BM-1098	50	CF-49-10-184	274	CF-52-2-215	391	CF-54-2-101	252
BM-1144	50	CF-49-10-186	274	CF-52-4-13	256	CF-54-2-126	280
BM-1169	117	CF-49-10-209	274	CF-52-5-33	188	CF-54-2-130	342
BM-1188	188	CF-50-2-55	183	CF-52-5-113	256	CF-54-2-158	280
BM-1192	252	CF-50-3-108	267	CF-52-5-202	256	CF-54-2-200	57
BM-1196	395	CF-50-4-1	255	CF-52-5-229	279	CF-54-2-208	336
BM-1198	278	CF-50-4-124		CF-52-5-235	198	CF-54-3-77	336
BM-1210	324	(Vol. III)		CF-52-6-10	188	CF-54-3-114	183
BM-1211	328	(Del.)	278	CF-52-6-78	279	CF-54-3-142	280
BM-1223	388	CF-50-5-113	256	CF-52-6-107	256	CF-54-3-160	57
BM-HAP-101	117	CF-50-7-86	274	CF-52-6-139	279	CF-54-4-62	267
BM-HAP-102	117	CF-50-7-160	188	CF-52-6-162	272	CF-54-4-105	336
BM-HRN-6	262	CF-50-9-38	278	CF-52-6-169	106	CF-54-4-112	337
BM-JDS-227	343	CF-50-10-133	278	CF-52-8-128	56	CF-54-4-224	328
BM-T-7	262	CF-50-10-145	278	CF-52-8-161		CF-54-5-26	337
BM-T-26	50	CF-51-1-10	183	(Del.)	274	CF-54-5-46	337
BM-T-40	262	CF-51-1-23	118	CF-52-9-121	399	CF-54-5-89	272
BNL-21	274	CF-51-2-145		CF-52-9-175	394	CF-54-5-100	337
BNL-48	278	(Del.)	405	CF-52-10-194	279	CF-54-5-165	337
BNL-59	106	CF-51-3-78		CF-52-10-216	326	CF-54-5-229	257
BNL-60	56	(Del.)	390	CF-52-11-3	256	CF-54-5-246	130
BNL-67	274	CF-51-4-20	188	CF-52-11-76	256	CF-54-6-7	263
BNL-77	117	CF-51-4-57	333	CF-52-11-98		CF-54-6-16	280
BNL-113	197	CF-51-4-176	183	(Del.)	391	CF-54-6-40	394
BNL-194	274	CF-51-6-157	106	CF-52-11-161	279	CF-54-6-71	267
BNL-225	278	CF-51-7-3	278	CF-52-12-109	263	CF-54-7-26	334
BNL-236	278	CF-51-7-103	278	CF-52-12-117	279	CF-54-7-97	181
BNL-285	278	CF-51-7-105	279	CF-52-12-177	279	CF-54-7-125	280
BNL-309	278	CF-51-7-110	50	CF-53-1-94	279	CF-54-7-196	183
BNL-333	278	CF-51-7-132	274	CF-53-1-110	279	CF-54-7-202	327
BNL-345	56	CF-51-7-192		CF-53-1-150	274	CF-54-8-53	280
BNL-380	278	(Del.)	256	CF-53-1-324		CF-54-8-61	280
BNL-418	195	CF-51-8-102	267	(Del.)	391	CF-54-8-101	54
BNL-426	195	CF-51-8-120	252	CF-53-2-135	256	CF-54-8-125	391
BNL-430	196	CF-51-8-193		CF-53-2-136	279	CF-54-8-214	337
BNL-433	274	(Rev.)	56	CF-53-2-164	391	CF-54-8-221	260
BMI-895	49						

AEC-No.	Page	AEC-No.	Page	AEC-No.	Page	AEC-No.	Page	AEC-No.	Page
CF-54-8-239	281	CF-55-9-27	337	CF-56-4-190	334	CF-56-9-2	339		
CF-54-8-240	130	CF-55-9-74	123	CF-56-4-202	331	CF-56-9-6	330		
CF-54-9-89	259	CF-55-9-107	337	CF-56-4-214	338	CF-56-9-24	392		
CF-54-9-129	281	CF-55-9-112	275	CF-56-5-40	338	CF-56-9-27	123		
CF-54-9-133	267	CF-55-9-113	275	CF-56-5-55	338	CF-56-9-30	331		
CF-54-9-157	257	CF-55-9-125	281	CF-56-5-69	338	CF-56-9-34	335		
CF-54-9-171	341	CF-55-9-150	257	CF-56-5-70	338	CF-56-9-35	339		
CF-54-9-175	281	CF-55-9-162	281	CF-56-5-89	338	CF-56-9-59	396		
CF-54-9-178	130	CF-55-9-173	284	CF-56-5-100-	(Del.)	CF-56-9-83	325		
CF-54-10-16	281	CF-55-10-140	54		342	CF-56-9-126	389		
CF-54-10-152	281	CF-55-12-149	337	CF-56-5-101	198	CF-56-9-131	335		
CF-54-11-1	281	CF-56-1-3	343	CF-56-5-124	334	CF-56-10-8	389		
CF-54-11-12	122	CF-56-1-9	268	CF-56-5-139	331	CF-56-10-13	118		
CF-54-11-162	341	CF-56-1-10	275	CF-56-5-143	334	CF-56-10-23	339		
CF-54-11-172	337	CF-56-1-26-		CF-56-5-190	334	CF-56-10-27	396		
CF-54-11-184	112	(Del.)	281	CF-56-6-27	328	CF-56-10-37	396		
CF-54-11-190	183	CF-56-1-40	268	CF-56-6-28	334	CF-56-10-43	339		
CF-54-12-34	275	CF-56-1-63	123	CF-56-6-29	334	CF-56-10-50	339		
CF-54-12-146	130	CF-56-1-122	123	CF-56-6-32	123	CF-56-10-53	335		
CF-54-12-169	342	CF-56-1-131	257	CF-56-6-41	331	CF-56-10-104	395		
CF-55-1-29	130	CF-56-1-141	268	CF-56-6-63	328	CF-56-10-129	339		
CF-55-1-49	130	CF-56-1-145	281	CF-56-6-80	328	CF-56-10-139	329		
CF-55-1-193	391	CF-56-1-151	184	CF-56-6-87	328	CF-56-11-1	123		
CF-55-2-4	275	CF-56-1-159	123	CF-56-6-123	339	CF-56-11-2	331		
CF-55-2-82	281	CF-56-1-167	263	CF-56-6-126	339	CF-56-11-5	123		
CF-55-2-92-		CF-56-1-168	118	CF-56-6-137	339	CF-56-11-11	396		
(Del.)	257	CF-56-1-194	394	CF-56-6-148	123	CF-56-11-24	392		
CF-55-2-119	252	CF-56-2-47	337	CF-56-6-171	339	CF-56-11-25	327		
CF-55-2-172-		CF-56-2-48	257	CF-56-6-175	123	CF-56-11-36	123		
(Del.)	391	CF-56-2-54	284	CF-56-7-13	339	CF-56-11-82	335		
CF-55-3-57	130	CF-56-2-59	123	CF-56-7-38	334	CF-56-11-88	392		
CF-55-3-69	281	CF-56-2-69	337	CF-56-7-56	329	CF-56-11-112	335		
CF-55-3-120	184	CF-56-2-72	263	CF-56-7-58	334	CF-56-11-126	339		
CF-55-4-40	342	CF-56-2-106	194	CF-56-7-59	331	CF-56-11-131	335		
CF-55-4-72-		CF-56-2-128	54	CF-56-7-62	334	CF-56-11-138	396		
(Del.)	391	CF-56-2-135	261	CF-56-7-63	334	CF-56-12-41	335		
CF-55-4-149	257	CF-56-2-154	257	CF-56-7-70	331	CF-56-12-111	106		
CF-55-4-193	252	CF-56-2-157	257	CF-56-7-71	331	CF-56-12-124	47		
CF-55-5-33	267	CF-56-2-158	275	CF-56-7-87	334	CF-57-1-50	130		
CF-55-5-44	267	CF-56-2-166	275	CF-56-7-97	123	CF-57-1-88	112		
CF-55-5-62	112	CF-56-3-12	337	CF-56-7-106	389	CF-57-1-90	130		
CF-55-5-69	267	CF-56-3-13	337	CF-56-7-107	335	CF-57-1-93	123		
CF-55-5-98	342	CF-56-3-17	402	CF-56-7-116	339	CF-57-1-100	113		
CF-55-5-115	275	CF-56-3-31	275	CF-56-7-128	391	CF-57-1-103	123		
CF-55-5-137	257	CF-56-3-34	337	CF-56-7-157	327	CF-57-1-106	114		
CF-55-5-156	122	CF-56-3-61	268	CF-56-8-11	130	CF-57-1-107	124		
CF-55-6-27	182	CF-56-3-93	257	CF-56-8-19	339	CF-57-1-109	118		
CF-55-6-53	281	CF-56-3-112	268	CF-56-8-49	335	CF-57-1-116	124		
CF-55-6-57	281	CF-56-3-129	257	CF-56-8-86	388	CF-57-1-117	106		
CF-55-6-69	275	CF-56-3-135	337	CF-56-8-101	337	CF-57-1-118	106		
CF-55-6-93	252	CF-56-3-151	388	(Del.)	391	CF-57-1-119	124		
CF-55-6-157	275	CF-56-3-153	331	CF-56-8-102	339	CF-57-1-120	106		
CF-55-7-54	281	CF-56-3-154	391	CF-56-8-120	391	CF-57-1-143	124		
CF-55-7-78	275	CF-56-3-167	328	CF-56-8-122	389	CF-57-1-150	124		
CF-55-7-84	281	CF-56-3-171	46	CF-56-8-124	335	CF-57-1-159	124		
CF-55-7-95	112	CF-56-3-173	337	CF-56-8-125	329	CF-57-1-163	113		
CF-55-7-107	342	CF-56-4-4	123	CF-56-8-126	123	CF-57-1-167	124		
CF-55-7-115	268	CF-56-4-20	337	CF-56-8-128	263	CF-57-2-5	130		
CF-55-8-42	112	CF-56-4-28	338	CF-56-8-133	395	CF-57-2-9	130		
CF-55-8-54	257	CF-56-4-31	388	CF-56-8-134	339	CF-57-2-34	113		
CF-55-8-107	112	CF-56-4-43	338	CF-56-8-135	118	CF-57-2-36	130		
CF-55-8-108	281	CF-56-4-65	338	CF-56-8-149	395	CF-57-2-37	106		
CF-55-8-114	189	CF-56-4-73	328	CF-56-8-152	339	CF-57-2-51	118		
CF-55-8-130	252	CF-56-4-79	344	CF-56-8-156	123	CF-57-2-97	124		
CF-55-8-169	57	CF-56-4-93	405	CF-56-8-168	327	CF-57-2-98	130		
CF-55-8-174	275	CF-56-4-103	338	CF-56-8-175	339	CF-57-2-120	124		
CF-55-8-175	194	CF-56-4-106	338	CF-56-8-187	392	CF-57-2-144	115		
CF-55-8-180-		CF-56-4-115	338	CF-56-8-189	339	CF-57-3-43	106		
(Del.)	257	CF-56-4-120	388	CF-56-8-198	401	CF-57-3-50	124		
CF-55-8-190	275	CF-56-4-125	338	CF-56-8-204-	(Del.)	CF-57-3-120	124		
CF-55-8-194-		CF-56-4-144	334		339	CF-57-3-153	130		
(Del.)	281	CF-56-4-167	338	CF-56-8-207-	(Del.)	CF-57-4-17	113		
CF-55-9-1	341	CF-56-4-185	341		57	CK-895	406		
CF-55-9-10	252	CF-56-4-186	338	CF-56-8-208-	(Del.)	CK-1040	181		
CF-55-9-12	198	CF-56-4-189	331		130	CK-1512	392		

AEC-No.	Page	AEC-No.	Page	AEC-No.	Page	AEC-No.	Page
CK-1516	182	DOW-91	106	HW-19096	392	HW-40250	253
CK-1756	389	DOW-112-A	118	HW-19105	184	HW-40296	115
CL-P-368	257	DOW-154	107	HW-19303	43	HW-40322	113
CL-P-374	392	DOW-NR-55001-		HW-19933	184	HW-40544	107
CL-RWS-31	268	1-S	57	HW-20008	113	HW-40778	118
CM-1071	257	DP-25	392	HW-20055 (Del.)	324	HW-40801	107
CM-1206	257	DP-117	187	HW-20287	258	HW-40804	118
CM-1227	184	DP-120	261	HW-20598	190	HW-41026	186
CM-1409	184	DP-133 (Del.)	275	HW-20605	329	HW-41307	115
CM-1412	184	DP-178	43	HW-20936	184	HW-41519	104
CM-1641	181	DP-179	49	HW-21160	329	HW-41772	118
CM-1839	184	DP-181	107	HW-21415 and Suppl.	273	HW-42055	124
CM-1884	184	DP-188	115	HW-21659	329	HW-42075	118
CM-2037	184	DP-190	103	HW-22629	107	HW-42100	118
CM-2224	184	DP-194	124	HW-22975	190	HW-42225	115
CM-2279	392	DP-197	49	HW-23207	399	HW-42547	124
CM-2511	258	DP-200	331	HW-23332	327	HW-42665	50
CM-2558	181	DP-201	115	HW-23353	197	HW-42908	198
CM-2564	392	DP-202	107	HW-23729	399	HW-42996	107
CM-3274	392	DP-203	327	HW-24258	268	HW-43031 (Del.)	190
COO-1016	54	DP-207	124	HW-24551	342	HW-43547	124
CP-308	335	DP-208	197	HW-25084	335	HW-43922	131
CP-2065	268	DP-212	335	HW-25927	255	HW-44888	107
CP-2242	189	DP-214	190	HW-25928	396	HW-45008	43
CP-2314 (Rev.)	57	DP-215	187	HW-26459	392	HW-45505	50
CP-2774	335	DP-216	187	HW-26531	342	HW-45567	124
CP-2882	268	DP-218	324	HW-27162	393	HW-45965	125
CP-2890	333	DP-222	331	HW-27434	263	HW-46013	115
CP-3493	189	DP-232	281	HW-27489	258	HW-46150	324
CRD-R-33	130	FMPC-150 (Del.)	42	HW-27551	400	HW-46369	118
CRD-T2B-45	268	FMPC-176	342	HW-27781	113	HW-46722	388
CRD-T4A-85	399	FMPC-192	263	HW-27784	261	HW-46762	113
CS-1407	275	FMPC-193	396	HW-27821	393	HW-46779	118
CT-393	396	FMPC-339	50	HW-28065	103	HW-47015	263
CT-422	189	FMPC-435	284	HW-28282	397	HW-47017	115
CT-423	189	FMPC-467	50	HW-29001	393	HW-47170	104
CT-468	189	FMPC-489	396	HW-29082	271	HW-47194	115
CT-541	189	FMPC-497	43	HW-29086	253	HW-47500	251
CT-685	396	GAT-184 (Rev.1)	103	HW-29282	115	HW-47576	115
CT-687	189	GAT-213	389	HW-29967A	326	HW-47676	107
CT-688	263	HDC-1840	392	HW-30225	113	HW-47721	125
CT-753	189	HEC-74	107	HW-30266	268	HW-47721A	327
CT-818	189	HEC-77	389	HW-30422	197	HW-47799	113
CT-1182	189	HKF-3	402	HW-30492	187	HW-48712	48
CT-1388	189	HW-7-5660	401	HW-30500	258	HW-48736	253
CT-1440	263	HW-8767	196	HW-31300	184	HW-48832	324
CT-1697	50	HW-8879	329	HW-32175	258	HW-48893	125
CT-1793	189	HW-10620	392	HW-32410	43	HW-48916	113
CT-2433	396	HW-12964	392	HW-32642	118	HW-49188	125
CT-2443	396	HW-13280	258	HW-33006	405	HW-49441A	258
CT-2607	396	HW-13282	184	HW-33029 (Del.)	271	HW-49483A	326
CT-2634	189	HW-13481	392	HW-33655	282	HW-49542A	326
CT-2700	189	HW-14603	389	HW-33912	124	HW-49543A	273
CT-2733	263	HW-14923	258	HW-34868 c8	50	HW-49544A	326
CT-2743	189	HW-15279	260	HW-35009	118	HW-49545A	258
CT-2787	189	HW-15776	107	HW-35189	333	HW-49549A	334
CT-2794	189	HW-15944	184	HW-35457	397	HW-49561	328
CT-2925	189	HW-16076	392	HW-35746	190	HW-49597A	253
CT-2950	263	HW-17010	190	HW-36125	395	HW-49626 (Rev.)	333
CT-2951	263	HW-17136	252	HW-36210	115	HW-49652A	342
CT-2958	396	HW-17159	258	HW-36887	113	HW-49668	253
CT-3045	190	HW-17226	258	HW-37049	272	HW-49697	397
CT-3054	396	HW-17265	190	HW-37077	187	HW-49718	261
CT-3373 (Del.)	396	HW-17543	253	HW-37216 (Rev.)	253	HW-50133	389
CT-3511	190	HW-17626	184	HW-37680	196	HW-50363	263
CT-3714	396	HW-17698	184	HW-37960	113	HW-50598	400
CT-3804	396	HW-17981	258	HW-38016	50	HW-50700	340
CU-11-53-At- dp-Ch-E (Rev.)	284	HW-18188	184	HW-38219	187	HW-51175	335
CU-155	115	HW-18492	258	HW-38453	397	IDO-14035	185
DC-51-6-9	333	HW-18497	329	HW-38495	115	IDO-14155	393
DC-51-7-10	333	HW-19023	258	HW-38496	115	IDO-14213 (Del.)	389
DC-51-8-7	331	HW-19065	392	HW-38686	342	IDO-14216	393
				HW-38867	260	IDO-14316	
				HW-38987	284	Suppl.2)	324
				HW-39457	113	IDO-14344 (Del.)	325
				HW-39820			

AEC-No.	Page	AEC-No.	Page	AEC-No.	Page	AEC-No.	Page
IDO-14396	107	K-78	108	KAPL-1302	57	KAPL-M-JML-2	108
IDO-14398	107	K-98	389	KAPL-1313	260	KAPL-M-JLV-2	119
IDO-14405	107	K-126	43	KAPL-1380(Del.)	190	KAPL-M-JMG-8	397
IDO-14406	107	K-190	115	KAPL-1410	395	KAPL-M-JR-9	108
IDO-14407	185	K-240	389	KAPL-1450	402	KAPL-M-JZ-1	403
IDO-14409	107	K-314	57	KAPL-1466	51	KAPL-M-KAK-5	329
IDO-14411	253	K-374	395	KAPL-1475	51	KAPL-M-LEV-7	402
IDO-14416	334	K-398	400	KAPL-1495	260	KAPL-M-LPP-1	397
IDO-16004	131	K-429	393	KAPL-1515	269	KAPL-M-LRM-7	329
IDO-16019	401	K-444	389	KAPL-1518	190	KAPL-M-MC-2	393
IDO-16025	57	K-548	393	KAPL-1525	264	KAPL-M-MJA-2	400
IDO-16046	50	K-643	108	KAPL-1562	51	KAPL-M-MLS-2	125
IDO-16066	125	K-721	393	KAPL-1565	54	KAPL-M-PL-1	400
IDO-16082	282	K-725	108	KAPL-1570	43	KAPL-M-POS-1	125
IDO-16134	275	K-749	115	KAPL-1572	260	KAPL-M-RCR-4	126
IDO-16146	54	K-756	187	KAPL-1601	253	KAPL-M-RE-8	403
IDO-16156	275	K-785	187	KAPL-1615	104	KAPL-M-Redox-2	258
IDO-16172	394	K-792	108	KAPL-1617	264	KAPL-M-RLM-11	397
IDO-16198	131	K-817	393	KAPL-1638	125	KAPL-M-RSM-1	403
IDO-16306	187	K-931	393	KAPL-1642	269	KAPL-M-RWD-6	269
IDO-16308	113	K-1013 (Del.)	405	KAPL-1645	47	KAPL-M-RWD-17	131
IDO-16316	115	K-1042	253	KAPL-1657	269	KAPL-M-SAT-4	397
IDO-16317	194	K-1049	395	KAPL-1668	51	KAPL-M-SMS-46	131
IDO-16318	276	K-1083	49	KAPL-1674	325	KAPL-M-SMS-52	113
IDO-16325	125	K-1208	116	KAPL-1692	190	KAPL-M-SMS-55	114
IDO-16326	125	K-1260	47	KAPL-1693	119	KAPL-M-WLR-4	131
IDO-16327	194	K-1302 (Pt.II)	125	KAPL-1699	57	KAPL-M-WMC-4	333
IDO-16331	113	K-1302 (Pt.III)	268	KAPL-1703	400	KLX-59	185
IDO-16332	57	K-1302 (Pt.IV)	125	KAPL-1720	332	KLX-1039	116
IDO-16337	272	K-1314	253	KAPL-1724	125	KLX-1063	185
IDO-16338	272	K-1317	54	KAPL-1726	190	KLX-1067	273
IDO-16341	197	K-1330	125	KAPL-1739	191	KLX-1201	401
IDO-16343	276	K-1334	187	KAPL-1741	264	KLX-1203	401
IDO-16359	197	K-1340	268	KAPL-1742	125	KLX-1208	344
IDO-16373	331	K-1341	332	KAPL-1743	108	KLX-1211	108
IDO-16380	401	K-1342	268	KAPL-1746	119	KLX-1224 (Del.)	342
IDO-16382	197	K-1344	394	KAPL-1748	108	KLX-1225	108
IDO-16383	335	K-1345	332	KAPL-1754	332	KLX-1302	401
IDO-16384	335	K-1346	400	KAPL-1759	325	KLX-1394 (Del.)	255
IDO-16389	331	KAPL-39	268	KAPL-1763	108	KLX-1603	403
IDO-16390	332	KAPL-44	268	KAPL-1765	119	KLX-1607	403
IDO-16391	335	KAPL-89	258	KAPL-1768	253	KLX-1612	181
IDO-16394	333	KAPL-95	131	KAPL-1770	131	KLX-1613	185
IDO-16398	335	KAPL-107	54	KAPL-1773	272	KLX-1616	403
IDO-28000	263	KAPL-117	273	KAPL-1776	181	KLX-1617	43
ISC-49	185	KAPL-201	54	KAPL-1779	182	KLX-1704	393
ISC-115	107	KAPL-321	190	KAPL-1781	389	KLX-1711	57
ISC-130	190	KAPL-334	54	KAPL-1787	394	KLX-1721	397
ISC-170	43	KAPL-335	54	KAPL-1792	194	KLX-1722	393
ISC-186	181	KAPL-364	273	KAPL-1793	269	KLX-1737	43
ISC-203	263	KAPL-436	(Suppl.1)	KAPL-1803	333	KLX-1739	43
ISC-204	119	KAPL-492	282	KAPL-1808	253	KLX-10012	43
ISC-248	329	KAPL-492	104	KAPL-1811	264	KLX-10020	43
ISC-251	264	KAPL-537	401	KAPL-1831	327	KLX-10021 (Del.)	389
ISC-274(Rev.)	329	KAPL-541	264	KAPL-A-HP-3	394	KLX-10034	108
ISC-290(Rev.)	397	KAPL-609	253	KAPL-M-ALM-3	276	KLX-10066	185
ISC-407	119	KAPL-649	273	KAPL-M-AME-3	261	KS-219	394
ISC-415	108	KAPL-704	47	KAPL-M-AME-4	397	KT-71	389
ISC-453	51	KAPL-743	57	KAPL-M-AME-7	264	KT-95	332
ISC-531	51	KAPL-783	332	KAPL-M-CJR-3	131	KT-97	332
ISC-678	43	KAPL-814	327	KAPL-M-CTW-2	119	KT-188	403
ISC-679	125	KAPL-818	402	KAPL-M-DBK-3	397	LA-1089	44
ISC-687	332	KAPL-863	260	KAPL-M-DD-1	269	LA-1159	114
ISC-700	51	KAPL-890(Rev.)	43	KAPL-M-DD-1	108	LA-1177	264
ISC-703	43	KAPL-903	119	KAPL-M-DJO-3	400	LA-1234	54
ISC-726	43	KAPL-938	264	KAPL-M-DND-2	119	LA-1244	264
ISC-729	194	KAPL-951(Rev.1)	276	KAPL-M-EBF-7	328	LA-1385	119
ISC-746	325	KAPL-988	282	KAPL-M-EEB-13	(Del.)	LA-1390	51
ISC-766	325	KAPL-1014	260	KAPL-M-EEB-16	191	LA-1391	54
ISC-777	253	KAPL-1079	190	KAPL-M-EEB-16	397	LA-1394	108
ISC-779	325	KAPL-1091	272	KAPL-M-GEG-9	397	LA-1397	51
ISC-795	253	KAPL-1104	119	KAPL-M-GLP-1	264	LA-1445	126
ISC-833	125	KAPL-1117	268	KAPL-M-JA-3	125	LA-1548	282
ISC-834	181	KAPL-1136	194	KAPL-M-JEB-2	329	LA-1575	282
ISC-836	325	KAPL-1155	268	KAPL-M-JKD-11	403	LA-1581	282

(Vol.2)

AEC-No.	Page	AEC-No.	Page	AEC-No.	Page	AEC-No.	Page
LA-1605	329	M-5387	405	NAA-SR-232	282	NAA-SR-Memo-188	402
LA-1619	264	MCW-17	51	NAA-SR-237	181	NAA-SR-Memo-191	277
LA-1645 (Del.)	104	MCW-18	44	NAA-SR-240	282	NAA-SR-Memo-194	402
LA-1648	282	MCW-19	44	NAA-SR-245	393	NAA-SR-Memo-225	277
LA-1659	264	MCW-23	44	NAA-SR-251	272	NAA-SR-Memo-277	277
LA-1678	116	MCW-24	44	NAA-SR-258	52	NAA-SR-Memo-351	403
LA-1691	273	MCW-29	342	NAA-SR-259	269	NAA-SR-Memo-385	403
LA-1715	264	MCW-30	343	NAA-SR-273	259	NAA-SR-Memo-408	
LA-1724	47	MCW-118	44	NAA-SR-274	57	(Del.)	270
LA-1860	264	MCW-121	44	NAA-SR-282	403	NAA-SR-Memo-468	404
LA-1861	253	MCW-144	343	NAA-SR-289	276	NAA-SR-Memo-507	277
LA-1874	269	MCW-179	343	NAA-SR-854	269	NAA-SR-Memo-669	277
LA-1934	181	MCW-196	343	NAA-SR-895	131	NAA-SR-Memo-672	277
LA-1936	253	MCW-209	343	NAA-SR-942	126	NAA-SR-Memo-702	194
LA-1948	254	MCW-220	343	NAA-SR-1013	333	NAA-SR-Memo-722	336
LA-1952	254	MCW-227	343	NAA-SR-1015	185	NAA-SR-Memo-850	126
LA-1957	254	MCW-249	343	NAA-SR-1027	57	NAA-SR-Memo-1116	47
LA-2023	276	MCW-1387	284	NAA-SR-1032	44	NAA-SR-Memo-1143	55
LA-2025	258	MIT-1004	397	NAA-SR-1033	333	NAA-SR-Memo-1306	55
LA-2029	276	MIT-1065	398	NAA-SR-1034	126	NAA-SR-Memo-1402	340
LA-2034	119	MIT-1086	398	NAA-SR-1062	276	NAA-SR-Memo-1633	132
LA-2037	108	MIT-1102	398	NAA-SR-1071	185	NAA-SR-Memo-1639	340
LA-2050	44	MIT-1108	398	NAA-SR-1160	191	NBL-118	109
LA-2054UNM	109	MIT-1111	398	NAA-SR-1286	47	NBL-134	42
LA-2095	328	MIT-1114	264	NAA-SR-1374	44	NBL-135	329
LA-2099	54	MIT-5000	131	NAA-SR-1432	55	NBS-D-103	109
LA-2106	126	MIT-5003 (Del.)	282	NAA-SR-1435	191	NBS-D-104	196
LA-2112	131	MIT-5007	336	NAA-SR-1513	276	NBS-D-107	109
LA-2123	109	MIT-EJF-2	398	NAA-SR-1529	44	NBS-D-109	109
LA-2127	194	MITG-246	344	NAA-SR-1568	58	NBS-D-123	181
LA-2129	269	MITG-525	344	NAA-SR-1582	276	NBS-1D-101	109
LA-2136	403	MLM-614	196	NAA-SR-1628	44	NDA-14-107	55
LA-2141	394	MLM-652	273	NAA-SR-1634	47	NDA-22	114
LA-5052	276	MLM-672	47	NAA-SR-1645	104	NDA-33	48
LAMS-626	264	MLM-835	109	NAA-SR-1676	44	NEA-5401	132
LAMS-665	109	MonC-416	188	NAA-SR-1680	44	NLCO-578	52
LAMS-967	397	MonN-125	259	NAA-SR-1697	45	NLCO-624	52
LAMS-1245	259	MonN-146	191	NAA-SR-1734	109	NLCO-651	47
LAMS-1522	126	MonN-268	272	NAA-SR-1735	119	NLCO-671	109
LAMS-2102	126	MonN-292	403	NAA-SR-1759	44	NLCO-677	405
LAMS-2126	131	MonN-383	340	NAA-SR-1839	126	NLCO-682	284
LP-146 (Del.)	390	MonP-208	196	NAA-SR-1848	109	NMI-1128	52
LRL-51	193	MonP-386	55	NAA-SR-1864	126	NMI-1160	329
LRL-54	193	MonP-454	109	NAA-SR-1867	191	NMI-1161	52
LRL-60	193	MTA-6	266	NAA-SR-1872	109	NMI-1165	52
LRL-69	193	MTA-44	282	NAA-SR-1873	336	NMI-1168	119
LRL-73 (Rev.)	44	MURA-281	126	NAA-SR-1885	119	NMI-1170	329
LRL-89	330	MURA-321	271	NAA-SR-1920	336	NMI-1171	181
LRL-109	269	N-1722	109	NAA-SR-1922	259	NMI-1176	191
LRL-110	269	N-2128	109	NAA-SR-1925	254	NMI-1177	329
LRL-119	399	NAA-AL-345	51	NAA-SR-1926	191	NMI-1178	181
LRL-125	193	NAA-SR-36	191	NAA-SR-1936	340	NNSD-15	404
LRL-131	193	NAA-SR-41	272	NAA-SR-1938	336	NP-6241	270
LRL-132	266	NAA-SR-47	109	NAA-SR-1941	282	NPG-111	132
LRL-135 (Rev.)	51	NAA-SR-64	51	NAA-SR-1948	269	NYO-1025	119
LRL-147	193	NAA-SR-72	272	NAA-SR-1949	194	NYO-1082	254
LRL-159	266	NAA-SR-73	51	NAA-SR-1954	261	NYO-1115	52
LWS-22248	399	NAA-SR-91	276	NAA-SR-1963	194	NYO-1119	191
LWS-22534	403	NAA-SR-96	131	NAA-SR-1972	269	NYO-1135	343
LWS-22654	393	NAA-SR-116		NAA-SR-1974	400	NYO-1140	185
LWS-22659	397	(Del.)	131	NAA-SR-1989	326	NYO-1141	109
LWS-24318	193	NAA-SR-135	272	NAA-SR-1997	393	NYO-1142	110
LWS-24418	399	NAA-SR-140	57	NAA-SR-1999	395	NYO-1143	110
LWS-24525	400	NAA-SR-146	272	NAA-SR-2027	340	NYO-1144	110
LWS-24612	269	NAA-SR-148	282	NAA-SR-2047	394	NYO-1150	406
LWS-24620	393	NAA-SR-153	51	NAA-SR-Memo-20	276	NYO-1158	110
LWS-24701	394	NAA-SR-155	55	NAA-SR-Memo-48	260	NYO-1162	110
LWS-29066	131	NAA-SR-156	193	NAA-SR-Memo-49	276	NYO-1176	343
M-2147	51	NAA-SR-160	401	NAA-SR-Memo-51	269	NYO-1235	389
M-3743	336	NAA-SR-179		NAA-SR-Memo-70	403	NYO-1255	390
M-3956	403	(Rev.)	57	NAA-SR-Memo-72	276	NYO-1269	341
M-4414	131	NAA-SR-194	47	NAA-SR-Memo-93	276	NYO-1304	110
M-4525	119	NAA-SR-222	131	NAA-SR-Memo-145	276	NYO-1320	120
M-4549	406	NAA-SR-230	403	NAA-SR-Memo-153	403	NYO-1321	110
M-4563	405	NAA-SR-231	191	NAA-SR-Memo-155	269	NYO-1327	265

<u>AEC-No.</u>	<u>Page</u>	<u>AEC-No.</u>	<u>Page</u>	<u>AEC-No.</u>	<u>Page</u>	<u>AEC-No.</u>	<u>Page</u>
NYO-1329	120	NYO-7916	265	ORNL-1642 (Del.)	282	ORNL-2302	195
NYO-1334	47	NYO-7918	398	ORNL-1678	58	ORNL-2303	255
NYO-1337	110	NYO-7967	127	ORNL-1690	45	ORNL-2304	186
NYO-1346	120	NYO-8006	261	ORNL-1706	405	ORNL-2306	284
NYO-1347	45	NYO-8527	398	ORNL-1711	111	ORNL-2309	195
NYO-1464	343	ORNL-20	326	ORNL-1717	(Rev.)	ORNL-2311	182
NYO-1466	45	ORNL-50	277	ORNL-1751	254	ORNL-2312	402
NYO-1467	343	ORNL-89	58	ORNL-1761	270	ORNL-2313	404
NYO-2029	390	ORNL-115	401	ORNL-1774	191	ORNL-2315	270
NYO-2040	45	ORNL-122	326	ORNL-1778	120	ORNL-2320	332
NYO-2065	260	ORNL-130	45	ORNL-1788	(Rev.)	ORNL-2321	182
NYO-3109	110	ORNL-153	326	ORNL-1812	390	ORNL-2323	182
NYO-3435	194	ORNL-156	55	ORNL-1818	111	ORNL-2325	325
NYO-3575	398	ORNL-170	272	ORNL-1826	45	ORNL-2326	254
NYO-3578	52	ORNL-195	265	ORNL-1826	45	ORNL-2327	254
NYO-3680	191	ORNL-209	58	ORNL-1904	390	ORNL-2328	330
NYO-3724	126	ORNL-224	273	ORNL-1926	127	ORNL-2329	402
NYO-3726	191	ORNL-260(Del.)	326	ORNL-1940	59	ORNL-2331	336
NYO-3788	265	ORNL-267	277	ORNL-1979	46	ORNL-2332	394
NYO-3794	110	ORNL-286(Del.)	325	ORNL-1985	46	ORNL-2334	195
NYO-3796	52	ORNL-287	259	ORNL-1991	52	ORNL-2339	394
NYO-3797	52	ORNL-298	277	ORNL-2004	283	ORNL-2345	325
NYO-3798	45	ORNL-302	326	ORNL-2042	196	ORNL-2346	284
NYO-3800	52	ORNL-307	272	ORNL-2057	104	ORNL-2352	400
NYO-3864	126	ORNL-315	52	(Del.)	283	ORNL-2358	332
NYO-3976	110	ORNL-336	182	ORNL-2069	341	ORNL-2363	390
NYO-4478	180	ORNL-371	326	ORNL-2071	58	ORNL-2366	406
NYO-4610	110	ORNL-372	185	ORNL-2072	132	ORNL-2379	404
NYO-4612	334	ORNL-374	185	ORNL-2078	127	ORNL-2380	404
NYO-4698	55	ORNL-402	336	(Del.)	283	ORNL-2382	390
NYO-4714	186	ORNL-424	270	ORNL-2096	196	ORO-160	48
NYO-4752	126	ORNL-543	326	ORNL-2096	196	ORO-162	127
NYO-4849	402	ORNL-564(Del.)	259	ORNL-2096	196	ORO-163	324
NYO-4859	327	ORNL-576	270	(Del.)	283	ORO-164	332
NYO-4861	104	ORNL-611	58	ORNL-2060	104	R49GL 175	272
NYO-4869	48	ORNL-612	58	ORNL-2069	341	RIB-16	49
NYO-5000	406	ORNL-620	255	ORNL-2071	58	RL-8,6.5	114
NYO-5026	406	ORNL-651	185	ORNL-2072	132	RME-81 (Rev.)	260
NYO-5126	406	ORNL-681	265	ORNL-2078	127	RME-1066(Rev.)	326
NYO-5127	110	ORNL-724	185	(Del.)	265	RME-1069(Pt.1)	
NYO-5147	45	ORNL-766	52	ORNL-2096	132	(Rev.)	185
NYO-5196	406	ORNL-794	58	ORNL-2127	(Pt.1)	RME-1073(Rev.)	260
NYO-5222	182	ORNL-795	259	ORNL-2148	332	RME-2029	48
NYO-5223	110	ORNL-801	45	(Del.)	283	RME-2030(Rev.)	327
NYO-5224	45	ORNL-874	343	ORNL-2149	402	RME-2035(Rev.)	114
NYO-5258	45	ORNL-890	343	ORNL-2156	120	RME-2045	114
NYO-6330	52	ORNL-932	196	ORNL-2158	116	RME-3118	48
NYO-6333	45	ORNL-947	254	ORNL-2196	332	RME-3128	48
NYO-6498	325	ORNL-967	132	ORNL-2207	47	RME-3137(Pt.II)	48
NYO-6507	325	ORNL-990	404	ORNL-2209	46	RME-3145	114
NYO-6634	400	ORNL-1057	404	ORNL-2212	47	RME-3147	185
NYO-7008	126	ORNL-1062	58	ORNL-2213	47	RME-3149	327
NYO-7009	120	ORNL-1066	191	ORNL-2225	340	RMO-2044	46
NYO-7257	55	ORNL-1090	52	ORNL-2230	55	RMO-2622	111
NYO-7302	126	ORNL-1094	49	ORNL-2241	55	RMO-2801	191
NYO-7313	116	ORNL-1121(Rev.)	58	ORNL-2242	326	RMO-2802	344
NYO-7314	126	ORNL-1138	45	ORNL-2252	111	RMO-2803	120
NYO-7315	400	ORNL-1224	259	ORNL-2256	114	RMO-2804	344
NYO-7543	110	ORNL-1268	341	ORNL-2265	114	RMO-2805	192
NYO-7544	110	ORNL-1280	132	(Del.)	259	RMO-2850	259
NYO-7705	52	ORNL-1338	390	ORNL-2268	111	RMO-3000	47
NYO-7695	270	ORNL-1368	(Del.)	ORNL-2272	58	RMO-4005	
NYO-7698	270	(Del.)	270	ORNL-2275	283	(Pts.A and B)	259
NYO-7707	329	ORNL-1432	325	ORNL-2276	55	SC-2991(TR)	270
NYO-7780	114	ORNL-1475	282	ORNL-2277	127	SC-3610(TR)	127
NYO-7784	111	ORNL-1518	259	ORNL-2280	47	SC-4109(TR)	195
NYO-7786	114	ORNL-1554	404	ORNL-2283	195	SCDC-665	328
NYO-7787	114	ORNL-1567	(Del.)	ORNL-2284	111	SCDC-666	328
NYO-7789	120	(Del.)	270	ORNL-2287	111	SCTM-220-56	
NYO-7826	126	ORNL-1608	273	ORNL-2289	182	(51)	270
NYO-7887	127	ORNL-1610(Rev.)	45	ORNL-2294	111	SEP-88	53
NYO-7895	127	ORNL-1613(Rev.)	(Del.)	ORNL-2296	120	SEP-110	53
NYO-7896	332	(Del.)	282	ORNL-2297	111	SEP-140	53
NYO-7897	400	ORNL-1638	(Del.)	ORNL-2298	127	SEP-179	192
NYO-7898	332	(Del.)	111	ORNL-2298	111	SEP-214	53

AEC-No.	Page	AEC-No.	Page	AEC-No.	Page	AEC-No.	Page
SEP-216	398	TID-10145	284	UCRL-3782	195	WAPD-BT-3	390
SEP-227	120	TID-10146	284	UCRL-3797	270	WAPD-C-188	404
SEP-229	120	TID-10153	60	UCRL-3802	270	WAPD-C(PC)-18	53
SEP-231	53	TID-10154	60	UCRL-3803	254	WAPD-CP-156	401
SO-3004	53	TID-10155	60	UCRL-3805	182	WAPD-CP-287	192
TEI-640	48	TID-10156	111	UCRL-3806	251	WAPD-CP-1200	404
TID-3067	388	TID-10157	53	UCRL-3810	180	WAPD-EM-169	261
TID-3084	284	TID-10158	46	UCRL-3816	333	WAPD-FE-407	398
TID-3501	55	TID-10159	46	UCRL-3836	325	WAPD-FE-434	398
TID-3503	55	TID-10160	111	UCRL-3848	325	WAPD-FE-739	398
TID-3506		TID-10161	60	UCRL-3873	327	WAPD-FE-830	404
(1st Rev.)	326	TID-10162	46	UCRL-3880	388	WAPD-FE-919	404
TID-3507	182	TID-10163	343	UCRL-3887	400	WAPD-FE-928	398
TID-5186 (Del.)	183	TID-10171	120	UCRL-4303 (Del.)	270	WAPD-FE-954	265
TID-5187	192	TID-10174	111	UCRL-4461	128	WAPD-FE-979	404
TID-5223		TID-10175	60	UCRL-4466(Pt. I)	128	WAPD-FE-1105	53
(Pts. 1 & 2)	270	TNCC-2	127	UCRL-4466(Pt. IV)	128	WAPD-LSR(C)-134	121
TID-5227	405	TNCC-4	127	UCRL-4549	128	WAPD-LSR(FE)-3	121
TID-5243 (Rev.)	53	UCLA-276	251	UCRL-4688	128	WAPD-LSR(IM)-2	59
TID-5249	116	UCLA-329	180	UCRL-4699	128	WAPD-LSR(MM)-43	53
TID-5272	132	UCLA-338	104	UCRL-4714	56	WAPD-MDM-5	265
TID-5302	48	UCLA-362 (Del.)	388	UCRL-4829	56	WAPD-MDM-10	401
TID-7007 {Pt. 2}		UCLA-371	180	UCRL-4830	195	WAPD-MDM-25	398
(Del.)	272	UCLA-379	180	UCRL-4919	402	WAPD-MM-184	398
TID-7013	336	UCLA-386	388	UCSF-14	42	WAPD-MM-713	266
TID-7513 (Pt. 2)	42	UCLA-388	180	UCSF-15	327	WAPD-MRP-44	
TID-7514	265	UCLA-395	255	UR-309	104	(Rev.)	59
TID-7524	58	UCLA-401	251	UR-474	104	WAPD-MRP-47	
TID-7530 (Pt. 1)	120	UCLA-406	388	UR-476	104	(Rev.)	59
TID-7534	394	UCRL-1054	390	UR-480	251	WAPD-MRP-57	
TID-7539	404	UCRL-1137 (Del.)	127	UR-481	104	(Rev.)	59
TID-7540	283	UCRL-1194	398	UR-482	180	WAPD-MRP-60	59
TID-8014	60	UCRL-1384	399	UR-483	104	WAPD-MRP-61	59
TID-10001	53	UCRL-1664	259	UR-484	105	WAPD-MRP-63	59
TID-10002	46	UCRL-1686	266	UR-485	105	WAPD-MRP-64	59
TID-10004	127	UCRL-1865	127	UR-486	42	WAPD-MRP-65	59
TID-10014	48	UCRL-2063	333	UR-487	186	WAPD-MRP-66	132
TID-10015	404	UCRL-2194	399	UR-488	186	WAPD-MRP-68	283
TID-10016	265	UCRL-2208(Rev.)	400	UR-489	186	WAPD-MRP-69	404
TID-10017	265	UCRL-2229	270	JR-490	260	WAPD-P-439	271
TID-10020	132	UCRL-2319	266	UR-491	327	WAPD-P-663	128
TID-10027	132	UCRL-2387	55	UR-492	105	WAPD-P-721	128
TID-10028	283	UCRL-2426	55	UR-494	394	WAPD-PA-228	404
TID-10030	283	UCRL-2426(Rev.)		UR-496	327	WAPD-PM-3	271
TID-10032	283	(Vol. II)	332	UR-497	327	WAPD-PM-18	128
TID-10031	48	UCRL-2512	399	UR-498	260	WAPD-PM-28	188
TID-10033	127	UCRL-3388	127	UR-500	260	WAPD-PMM-120	398
TID-10037	58	UCRL-3394	128	UR-501	394	WAPD-PMM-167	266
TID-10041	46	UCRL-3426	128	UWFL-43	260	WAPD-PMM-262	59
TID-10044	265	UCRL-3434	128	UWFL-44	105	WAPD-PWR-CP-	
TID-10047	265	UCRL-3492	261	UWFL-45	105	1832	59
TID-10052	48	UCRL-3567	111	UWFL-46	49	WAPD-PWR-CP-	
TID-10055	127	UCRL-3580	128	WAPD-2	195	2126	112
TID-10057	120	UCRL-3604	128	WAPD-51 (Rev.)	265	WAPD-PWR-FE-	
TID-10058	58	UCRL-3609	55	WAPD-87	56	1122	59
TID-10061	120	UCRL-3614	270	WAPD-98	121	WAPD-PWR-PMM-	
TID-10062	265	UCRL-3629	111	WAPD-104	265	429 (Del.)	192
TID-10064	127	UCRL-3633	120	WAPD-111	121	WAPD-PWR-PMM-	
TID-10070	192	UCRL-3635	111	WAPD-126	121	466 (Del.)	192
TID-10073	58	UCRL-3656	128	WAPD-127	192	WAPD-PWR-PMM-	
TID-10076	58	UCRL-3682	128	WAPD-127		601	192
TID-10078	59	UCRL-3688	333	(Pt. III)	330	WAPD-PWR-PMM-	
TID-10079	283	UCRL-3689	128	WAPD-136	121	625	192
TID-10086	283	UCRL-3690	56	WAPD-137	53	WAPD-PWR-RD-	
TID-10091	283	UCRL-3700	182	WAPD-140	121	107	132
TID-10092	48	UCRL-3702	56	WAPD-160	121	WAPD-RD-40	129
TID-10094 (Del.)	283	UCRL-3710	46	WAPD-163	192	WAPD-RD-66	277
TID-10099	192	UCRL-3712	46	WAPD-166	400	WAPD-RD-60	404
TID-10100	132	UCRL-3714	104	WAPD-167	192	WAPD-RD-71	59
TID-10108	120	UCRL-3723	195	WAPD-169	195	WAPD-ReM-10	277
TID-10117	59	UCRL-3746	180	WAPD-170	195	WAPD-ReM-16	192
TID-10126	196	UCRL-3751	254	WAPD-173	121	WAPD-RM-35	266
TID-10138	132	UCRL-3758	180	WAPD-AIW		WAPD-RM-40	266
TID-10143	46	UCRL-3763	324	(IM)-3	48	WAPD-RM-54	277
TID-10144	111	UCRL-3775	333	WAPD-BT-2	330	WAPD-RM-91	192

<u>AEC-No.</u>	<u>Page</u>	<u>AEC-No.</u>	<u>Page</u>	<u>AEC-No.</u>	<u>Page</u>	<u>AEC-No.</u>	<u>Page</u>
WAPD-RM-156 (Del.)	192	WAPD-TM-20	195	WASH-734	273	Y-515	328
WAPD-RM-160 (Rev.)	330	WAPD-TM-29	132	WASH-736	388	Y-522	273
WAPD-RM-167	405	WAPD-TM-31	195	WIAP-12	56	Y-523	341
WAPD-RM-189	193	WAPD-TM-33	56	WIAP-M-36	129	Y-536	46
WAPD-RM-198	271	WAPD-TM-37	114	WIN-31	344	Y-574	254
WAPD-RM-216	399	WAPD-TM-40	129	WIN-43	121	Y-584	330
WAPD-RM-219	271	WAPD-TM-42	121	WIN-49	121	Y-664	259
WAPD-SC-530	283	WAPD-TM-46	56	WIN-54	344	Y-810	325
WAPD-STR-L- 583	271	WAPD-TM-47	195	WIN-60	284	Y-838	182
WAPD-STR-L- 724	193	WAPD-TM-51	193	WIN-67	406	Y-897	394
WAPD-T-259	132	WAPD-TM-52	129	WIN-70	193	Y-1091	112
WAPD-T-326 (Del.)	405	WAPD-TM-54	271	WT-1175	261	Y-1152	49
WAPD-T-417	193	WAPD-TM-56	340	WT-1178A	186	Y-1156	112
WAPD-T-432	132	WAPD-TM-64	400	WT-1180	251	Y-1172	401
WAPD-TH-118	277	WAPD-TM-68	333	WT-1182	186	Y-1173	395
WAPD-TH-233	114	WAPD-TM-72	401	WT-1186	186	YAEC-13	
WAPD-TM-1	56	WAPD-TN-510	195	WT-1187	105	(Rev.1)	405
		WAPD-TN-523	399	WT-1212	180	YAEC-17	405
		WASH-193	195	WT-1218	186	YAEC-19	405
		WASH-296	121	Y-350	254	Y-B31-84	284
		WASH-701	53	Y-360	112	Y-B31-273 (Del.)	46
		WASH-734	112	Y-479	254	YAEC-7	132

