

Key Word Index

Acoustics	282	Environmental effect	51
Adaptive and learning systems	1	Evaporation	106
Amplitude-frequency	492	Feedback compensation	185
Applied linguistics	296	Flow development	169
Artificial dielectric	225	Flow meters	169
Artificial intelligence	1	Fredholm integral equations	385
Beams (Structural)	81	Fricatives	363
Berger's method	492	Galerkin procedure	492
Bilinear concomitant	502	Hill's equation	225
Bonding efficiency	81	Homogeneous boundary conditions	483
Boundary condition vectors	502	Impact	200
Chow parameters	1	Impact time	200
Communication satellite	213	Indian languages	296
Computer	213	Information retrieval	1
Computer analysis	296	Information science	213
Concrete (partially prestressed)	81	Interference atmospheric noise and its data	113
Control systems	193	Iron castings	323
Control system design	185	Jacobian functions	492
Convection cells	113	Klystron power supplies	271
Convergence in mean	502	<i>K</i> -acyclicity	1
Co-sinusoidal profile	225	<i>K</i> -comparability	1
Cracks (flexural)	81	<i>K</i> -summability	1
Critical Reynolds number	169	<i>K</i> -unifinicity	1
Deconvolution filters	474	Lightning	113
Dehydrochlorination	246	Linear inequalities	1
Dielectric sphere	419	Linear programming	1
Differential operator	483	Longitudinal wave propagation through solids	200
Digital summation threshold		Losses	169
logic (destl.) gate	1	L^2 -solution	502
Dirac's relativistic wave equation	483	Machine translation	296
Direct impact	200	Mass transfer in natural correction	106
Dual integral equations	259, 371	Mellin transform	371
Dual series relations	385	Meromorphic functions	483
Dynamic pressure feedback	305	Modes	419
Effective prestrain	81		
Elastic impact	200		
Electrohydraulic servo	305		
End loads	29		

Monotonicity	1	Spectrum (Continuous, discrete, and point)	483
Multigate synthesis	1	Stability	81, 193
Multivalued threshold logic	1	Stabilization	305
Nasals	363	Star-shaped crack	371
Noise	113	Stops	363
Noise control	282	Stress analysis	29
Nonequilibrium effects	396	Stuttering	363
Nonlinear systems	193	Surface wave characteristics	51
Nozzle flows	396	Texture	474
Nozzles	169	Threshold decoding	1
Orthonormal	502	Threshold gate	1
Overmoded dielectric rods	431	Threshold logic	1
Pattern recognition	1	Thunder clouds	113
Penny-shaped crack	385	Thunderstorm	113
Poisson's ratio effects	29	Torsional oscillations	259
Pole-placement	185	Transform	502
Pole assignment	185	Transverse vibrations	492
Power supplies	271	Unate function	1
Probability transformation	1	Variable threshold logic	1
Process variables	246	Vibration control	282
Pseudo-threshold logic	1	Vibration of strings	282
Radiation	419, 431	Vinyl chloride	246
Reinforcement (non-tensioned)	81	Voltage regulators	271
Residual stress	323	Vowels	363
Residue	502	Wronskian	502
Reverse transform	502	Zipf's law	363
Semi-infinite cylinder	29		
Singular surface	502		

Book Review Index

Dynamics of relaxing gases (2nd edition) by Clarke J. F. and McChesney M. reviewed by G. Narasimhan.	166	krishna and T. K. S. Iyengar reviewed by Miss G. B. Nadgir.	266
Electronics activities of Department of Space—A profile edited by B. S. Rao, reviewed by B. S. Sonde.	210	Tensors relativity and cosmology by Lord (Eric A.), reviewed by E. S. R. Gopal	76
Technical information services for developing countries edited by S. Radha-		Transducers and Display Systems by B. S. Sonde, reviewed by S. V. C.	525