

TITLE INDEX

Volume 56 (1974)

	PAGE
Aspects of peptide conformation (Ramachandran) ..	375
Behavior of fungicide dexton in soil (Karanth, Chitra and Vasantharajan) ..	290
Conformation of pyranose ring in mono, di- and polysaccharides by nuclear magnetic resonance (Rao) ..	253
Denitrosation of N-Nitroso-N-Benzyl- <i>p</i> -Toluenesulphonamide (Usha Devi and Krishna Rao) ..	147
Design of kinematic translation stage (Thomas) ..	185
Digital Kalman filter for radar tracking with filter gains independent of sampling interval (Chidambara and Sivaprasad) ..	409
Discrete Fourier transform and fast Fourier algorithm (Krishnan) ..	227
Effects of environment of the surface wave characteristics of di-electric coated conductor (Chatterjee and Glory John) ..	88
Effect of humidity on breakdown voltages of gaps and insulators (Hussian, Nandagopal and Prabhakar) ..	481
Electromagnetic boundary value problem of the di-electric coated conducting sphere excited by delta function electric and magnetic sources (Mrs. Chatterjee) ..	107
ESR study of covalent binding in copper diethyldiseleno-carbomate (Kumari Cowsik, Ramasubba Reddy and Srinivasan) ..	10
Formation of disulphur monoxide by the reaction between sulphur and copper sulphate (Ravindran Nair and Vasudeva Murthy) ..	302
Influence of end friction on elastic parameters obtained in triaxial tests (Nayak) ..	495
Kinetics of resinification of furfuryl alcohol in acidic buffer solutions (Chanda, Krishnan and Rathi) ..	422
Modified vapour phase chromatographic analysis for residence time distribution studies (Subramanyan and Murthy) ..	143
	513

	PAGE
Modular travelling sales-man scans for picture processing and computer displays (Moharir) ..	365
New clustering approach for pattern recognition (Dasarthy) ..	202
New non-parametric feature selection criterion 'effect' (Dasarthy)	1
NMR spectroscopy of molecules dissolved in liquid crystal solvents (Khetrapal) ..	151
Novel volume dilatometer for thermal expansion in liquid mixtures (Raja Gopal, Ramachandran, Lele, Chandrashekar and Nagarajan) ..	93
Oriental and frequency effects on whole animal absorption of RF energy (Gandhi)	315
Partial discharge—a brief review and a bibliography (Prabhashankar and Nema) ..	443
Simple differential micrometer head (Ramprasad) ..	43
Simple method of fabricating linearly graded films (Ramprasad and Radha) ..	309
Some new application of the solution of the equation $AX + XB = -Q$ (Chidambara and Viswanathan) ..	175
Stress system in a rotating anisotropic shaft infinite strain and its numerical study (Bhattacharyya) ..	436
Studies in Rb-Sr geochronology and trace element geochemistry in granitoids of Mysore Craton, India (Venkatasubramanian and Narayana Swamy) ..	19
Studies on physical properties of homogeneous sand mixes (Subba Rao and Rammohan) ..	47
System analysis from step response (Hariharan and Rao) ..	76
Use of hyperbolic trigonometric series in rectangular cartesian co-ordinates for problems with arbitrary rectilinear boundaries (Rajaiah and Rao) ..	128
Variation of residual polarisation voltage with some magnitude electrets (Ghare) ..	173
Volume change of mixing (Sankaran and Seshadri) ..	209

II Sc Lib B'lore



J55880