Proceedings of the Indian National Science Academy

VOLUME 76 NUMBER 3 (103-162) SEPTEMBER 2010

Contents

Research Papers

Diagenetic Environment of the Jurassic Jumara Dome Sediments (Bathonian - Oxfordian), Kachchh, Gujarat	
AHM AHMAD, SM WASIM, A RAZA and A KHAN	103
Transient Dynamic Analysis of Valve Stoppers Used in Reciprocating Air Compressor V RAMAMURTI, FNA, S SRIDHAR, S MITHUN and B KUMARAVEL	119
Automatic Road Extraction Using Reformed Fuzzy C Means B SOWMYA and B SHEELARANI	129
Experimental and Theoretical Studies on Harmonic Response of a Beam with Offset Support INDRASIS CHAKRABORTY, ARINDAM MUKHERJEE, ARGHYA NANDI and SUMANTA NEOGY	141
Simple Spectrophotometric Determination of Isoxsuprine Hydrochloride in Spiked Human Urine and in Tablets Using Folin-Ciocalteu's Reagent KANAKAPURA BASAVAIAH, KALSANG THARPA and KANAKAPURA BASAVAIAH VINAY	149
Kinetics and Mechanism of Osmium (VIII) Catalysed Oxidation of L-Cystine by Alkaline Hexacyanoferrate (III) NOWDURI ANNAPURNA, GOLLAPALLI NAGESWARA RAO and	
PARVATANENI VANI	157