Indian Journal of Mathematical Modelling and Applied Computing

Volume 12, Number 1 (2023)

Contents

Study of Memory Effect in an Inventory Model with Linear Demand and Salvage Value ^{1a} RituparnaPakhira, ^{1b} UttamGhosh, ^{1c} SusmitaSarkar	1-17
Effect of Longitudinal Surface Roughness on the Performance of Rayleigh Step Bearing Paresh I. Andharia a*, Hardik M. Pandya a	19-29
Soret and Dufour effect on the Peristaltic Transport of Third Order Fluid in a Channel with Variable Viscosity ¹ N. L. Bhikshu, ² Y. V. K Ravi Kumar, ³ T. V. A. P. Sastry, ⁴ M. V. Ramana Murthy	31-45
On [31, 28, 3] Hamming Code and [7, 4, 4] MDS Code Over GF(5) Tarun Lata	47-54
A Mathematical Model for Regulation of Fuel Metabolism during Exercise in Hypopituitarism with Growth Hormone Deficiency A. Manickam ¹ , M. Gayathri ² , M. Kavitha ³ and K. Sathishkumar ⁴	55-66
Statistical Analysis of Diabetes in Rural area of Bikaner V.K. Gaur, Ajay Kumar Ranga	67-71
A Hierarchical Structured Queuing System with Feedback and Chances of Two Revisits of Customer to Any of the Three Servers Surender Kumar and Gulshan Taneja*	73-86