

Indian Journal of Pure & Applied Mathematics

Volume 46 • Number 4 • August 2015

CONTENTS

On the relationship between a quantum Markov semigroup and its representation via linear stochastic Schrödinger equations <i>by Franco Fagnola and Carlos Mora</i>	... 399
Fuglede's theorem <i>by V. S. Sunder</i>	... 415
Symplectic dilations, Gaussian states and Gaussian channels <i>by K. R. Parthasarathy</i>	...419
On the distribution of the discrete spectrum of nuclearly perturbed operators in Banach spaces <i>by Michael Demuth and Franz Hanauska</i>	... 441
Factorization property of convolutions of white noise operators <i>by Un Cig Ji, Young Yi Kim and Yoon Jung Park</i>	... 463
An averaging trick for smooth actions of compact quantum groups on manifolds <i>by Debashish Goswami and Soumalya Joardar</i>	... 477
The distance formula for the derivation problem <i>by Jaeseong Heo</i>	... 489
Noncommutative differential calculus on a quadratic algebra <i>by Partha Sarathi Chakraborty and Satyajit Guin</i>	... 495
Fermionic meixner classes, lie algebras and quadratic hamiltonians <i>by L. Accardi, I. Ya. Arefeva and I. V. Volovich</i>	... 517
Spectral zeta function on pseudo H -type nilmanifolds <i>by Wolfram Bauer, Kenro Furutani and Chisato Iwasaki</i>	... 539