

Paranormality of One the Class Differential Operators for First Order

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Abstract

In this work, the paranormality properties of some class direct sum of differential operators for first order in the Hilbert space of vector-functions in the finite interval are investigated. Finally, a spectrum of these operators is researched.

Keywords: Selfadjoint and Paranormal Operator; Direct Sum of Operators and Hilbert Spaces; Spectrum.

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