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Journal of Physics: Conference Series
Volume 1132, Issue 1, 10 December 2018, Article number 012013
3rd International Conference on Mathematical Sciences and Statistics, ICMSS 2018; Le Meridien
PutrajayaPutrajaya; Malaysia; 6 February 2018 through 8 February 2018; Code 143023

On the summability of the spectral expansions associated with the elliptic differential operators (Conference Paper) (Open Access)

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Abstract   ⌄ View references (28)

In this paper we study the summability problems of the spectral expansions associated with the elliptic partial differential operators in the spaces of distributions. In particular, the problems studied for the Schrodinger operator with the singular potential. For this operator theorems on the summability of the Fourier expansions in the generalised Holder spaces and in the Sobolev spaces of the mixed norm proved. The conditions obtained are accurate in the classes of considered distributions. © Published under licence by IOP Publishing Ltd.

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Topic: Riesz means | Localization | spectral expansions

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Indexed keywords

Engineering controlled terms:	(Differential equations) (Mathematical operators) (Sobolev spaces)

Engineering uncontrolled terms:	(Differential operators) (Elliptic partial differential) (Fourier expansion) (Holder space) (Schrodinger operator) (Singular potentials) (Spectral expansions) (Summability)

Engineering main heading:	(Expansion)

Funding details

Funding sponsor	Funding number	Acronym
	FRGS14-142-0383	

Funding text

Ongoing research on the topics of the paper supported by the IIUM Fundamental Research Grant Scheme, FRGS14-

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