SOME NOVEL INEQUALITIES FOR BEREZIN NUMBER OF OPERATORS

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Abstract. In this paper, some Berezin number inequalities of bounded linear operators defined on a reproducing kernel Hilbert space are developed which generalize and refine the earlier related inequalities. Some applications of the newly obtained inequalities are also provided.


Keywords and phrases: Berezin number, Berezin symbol, reproducing kernel Hilbert space, inequalities.

REFERENCES