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On the class of order almost L -weakly compact operators

Comment.Math.Univ.Carolin. 63,4 (2022) 459–471.

Abstract: We introduce a new class of operators that generalizes L -weakly compact operators, which we call order almost L -weakly compact. We give some characterizations of this class and we show that this class of operators satisfies the domination problem.

Keywords: order bounded weakly convergent sequence; L -weakly compact set; order almost L -weakly compact operator; L -weakly compact operator

AMS Subject Classification: 46B42, 47B60, 47B65

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