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THE GELFAND–PHILLIPS PROPERTY IN CLOSED SUBSPACES OF SOME OPERATOR SPACES

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ABSTRACT. By introducing the concept of limited completely continuous operators between two arbitrary Banach spaces X and Y , we give some properties of this concept related to some well known classes of operators and specially, related to the Gelfand–Phillips property of the space X or Y . Then some necessary and sufficient conditions for the Gelfand–Phillips property of closed subspace M of some operator spaces, with respect to limited complete continuity of some operators on M , so-called, evaluation operators, are verified.

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