

ON GOOD AND SPECIAL WEAKLY PICARD OPERATORS

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ABSTRACT. In 1977 Livia d'Apuzzo have introduced the notions of special and good convergence of the sequence of successive approximations on metric spaces. Afterwards, in 2003 I.A.Rus transferred these properties to the operators giving the notions of special and good weakly Picard operators. The main results of the paper is the implications between good and special weakly Picard operators. Finally, we study the properties of good and special weakly Picard operators in case of φ -contraction and Caristi operators.

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