RELATIONAL BREZIS-BROWDER PRINCIPLES

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Abstract. The relational type versions of the (quasi-order) Brezis-Browder principle are logical equivalent with it. Some applications of these facts to maximality principles are also discussed.

Key Words and Phrases: Quasi-order, maximal element, ascending sequence, monotone function, Brezis-Browder principle, reflexive/transitive relation, lsc/usc property, right locally bounded function.

2000 Mathematics Subject Classification: 49J53, 47J30.

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