A KRASNOSELSKII TYPE FIXED-POINT THEOREM ON CONVEX CONES

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Dedicated to Professor Ioan A. Rus on the occasion of his 70th birthday

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Abstract. We present in this paper a new variant of a classical fixed-point theorem on cones, due to M. A. Krasnoselskii. For our result it is not necessary to have a generating cone and the topological degree is not used.

Key Words and Phrases: fixed-point, convex cone, scalar asymptotic derivative.

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