

CONTINUOUS SELECTIONS OF LIPSCHITZ EXTENSIONS IN BANACH AND METRIC SPACES.

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ABSTRACT. In this talk we review some results on extension of Lipschitz mappings on Banach and metric spaces in order to describe new results on parameter dependence of these extensions from the point of view of continuity. That is, we study when Lipschitz extensions of Lipschitz mappings can be obtained and chosen in such a way that extensions depend on a continuously way on the extended mappings. We deal with these problems in metric spaces with appropriate curvature bounds which will also be described during the talk. Our approach has been motivated by recent results by Kopecka and Reich on Hilbert spaces.

On a joint work with Adriana Nicolae.