



Functor of continuation in Hilbert cube and Hilbert space

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A Z -set in a metric space X is a closed subset K of X such that each map of the Hilbert cube Q into X can uniformly be approximated by maps of Q into $X \setminus K$. The aim of the paper is to show that there exists a functor of extension of maps between Z -sets of Q [or I_2] to maps acting on the whole space Q [resp. I_2]. Special properties of the functor are proved.

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