

Study of Weak Convergence And Fixed Point Theorems for Point – Dependent Mappings in Banach Spaces

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The purpose of this article is to study the fixed point and weak convergence problem for the new defined class of point – dependent mappings relative to a Bregman distance D_f in a Banach Space. We at first extend the Aoyama–Iemoto–Kohsaka - Takahashi fixed point theorem for mapping in Hilbert spaces in 2010 to this much wider class of nonlinear mapping in Banach Spaces.