

**RANDOM MEASURE OF NON-COMPACTNESS IN PM-SPACES AND
APPLICATIONS**

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Abstract: The aim of this note is to extend some results of [5] by introducing a measure of non-compactness and a corresponding class of probabilistic condensing multivalued mappings. A characterization of condensing mappings in the sense of Himmelberg, Porter and Van Vleck [12] is given and some results on the existence of fixed points with applications in the random multivalued operator equations are obtained.

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