PROBABILITY
AND
MATHEMATICAL STATISTICS
Vol. 9, Fasc. 1 (1988), pp. 147–151

A REPRESENTATION THEOREM FOR RANDOM SETS

W. Weil J. A. Wieacker

Abstract: It is shown that every random closed set X in \mathbb{R}^d , taking its realizations in the extended convex ring, is (up to equivalence) the union set of a point process Y of convex particles with the same invariance properties as X.

2000 AMS Mathematics Subject Classification: Primary: -; Secondary: -; **Key words and phrases:** -

THE FULL TEXT IS AVAILABLE HERE