

1060-28-132

Carmen Vlad* (cvlad@pace.edu), New York, NY 10038. *Topological Aspects of Products of Lattices.*

Let X be an arbitrary set and $L(X)$ a lattice of subset of X . The paper is analyzing the product lattices and their associated Wallman spaces and investigates certain lattice properties that carry over to the product of lattices. We proceed from a measure theoretic point of view which makes use of the support of a zero- one valued, finitely additive measure m , defined on the algebra generated by the lattice $L(X)$. (Received March 27, 2010)