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Carmen Vlad* (cvlad@pace.edu), Pace University, Pace Plaza, New York, NY 10038. *Notes on Supermodularity of Outer Measures.*

We consider an abstract lattice and a measure theoretic framework where X is an abstract set and L a lattice of subsets of X . Associated with a finite valued, bounded and finitely additive measure m on $A(L)$ - the algebra generated by L , we consider the outer measure m' . We then define supermodular measures generated by a finitely subadditive outer measure and find conditions for a subset of X to be measurable with respect to them. (Received February 25, 2007)