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Carmen Vlad* (cvlad@pace.edu), Pace University, Pleasantville, NY 10570. *Notes on regular measures and compact lattices.*

We consider an abstract lattice and a measure theoretic framework where X is an abstract set and L a lattice of subsets of X . We present a study of general properties and representations of compact lattices and extend the results to the case of the finite product of zero-one valued measures. (Received August 02, 2005)