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Svetlana V Butler* (butler@math.niu.edu), Department of Mathematical Sciences, Northern Illinois University, DeKalb, IL 60115. *Finitely determined quasi-measures.*

Quasi-measures are set functions defined on open and closed subsets of a compact Hausdorff space that are monotone, regular, and additive, but not necessarily subadditive. We will discuss finitely determined quasi-measures, focusing on the density theorem for these quasi-measures and some related results. (Received October 03, 2000)