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David R. Larson* (larson@math.tamu.edu), Department of Mathematics, Texas A&M University, College Station, TX 77843. *Frames, Dilations and Operator-Valued Measures.*

Dilation theory for discrete frames extends naturally to include dilation results for continuous frames. The key is an understanding of the connection between frame theory and operator valued-measures on sigma algebras of sets, and a generalized dilation theory for OVM's and linear maps on von Neumann algebras. (Received February 18, 2013)