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Deguang Han and **David R. Larson*** (larson@math.tamu.edu), Department of Mathematics,
Texas A&M University, College Station, TX 77845. *Bessel multiplier operators.*

Several years ago the speaker posed a problem concerning density of the set of wavelet frames, and a related problem concerning connectedness of this set. Bownik recently solved these problems, and we examine his results from the point of view of orthogonality (strong disjointness) of frames and certain operators we call Bessel multiplier operators. We obtain some new results using this approach, including a new proof of Bownik's density theorem. This is joint work with Deguang Han. (Received August 11, 2008)