ON THE $k$ POINT DENSITY PROBLEM FOR BAND–DIAGONAL $M$–BASES

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Abstract. In the early 1990s the works of Larson, Wogen and Argyros, Lambrou, Longstaff disclosed an example of a strong tridiagonal $M$-basis that was not rank one dense. Later Katavolos, Lambrou and Papadakis studied $k$ point density property of this example. In this paper we present new methods for the analysis of $k$ point density and rank one density properties for band-diagonal $M$-bases.


Keywords and phrases: Biorthogonal system, $M$-basis, rank one density, two point density.

REFERENCES