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S Clark\* (sclark@umr.edu), Department of Mathematics & Statistics, University of Missouri-Rolla, Rolla, MO 65409, F. Gesztesy (fritz@math.missouri.edu), Department of Mathematics, University of Missouri-Columbia, Columbia, MO 65211, and M. Zinchenko (maxim@caltech.edu), Department of Mathematics, California Institute of Technology, Pasadena, CA 91125. Uniqueness Results for CMV Operators with Verblunsky Coefficients.

Local and global versions of Borg-Marchenko-type uniqueness theorems are discussed for half-lattice and full-lattice CMV operators. While our half-lattice results are formulated in terms of Weyl-Titchmarsh functions, our full-lattice results involve the diagonal and main off-diagonal Green's functions. (Received September 11, 2007)