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Antonia Delgado and **Jeffrey Geronimo*** (geronimo@math.gatech.edu), Atlanta, GA 30332,
and **Plamen Iliev** and **Francisco Marcellan**. *Two real variable orthogonal polynomials and
structured matrices.*

We consider real bivariate orthogonal polynomials where the ordering chosen for the monomials is lexicographical or reverse lexicographical. Thus give the moment matrix a doubly Hankel structure. We will derive recurrence formulas as well as some consequences of these formulas (Received February 06, 2006)