

1135-VS-2492      **Thomas Koshy** and **Zhenguang Gao\*** (zgao@framingham.edu), 100 State Street, Framingham, MA 01701. *Polynomial Extensions of a Diminnie Delight.*

Recently, we extended to Fibonacci polynomials a complex, but interesting, recurrence studied by C.R. Diminnie. We then studied the corresponding versions to Lucas, Pell, and Pell-Lucas polynomials, and extracted the respective number-theoretic counterparts. In this presentation, we explore extensions to Jacobsthal, Jacobsthal-Lucas, Vieta, and Chebyshev polynomials.

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