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Jemal Emina Giske* (giske@mail.usf.edu), Departement of Mathematics, University of South Florida, Tampa, FL 33620-5700, and **Mourad E.H. Ismail** (ismail@math.ucf.edu), Department of Mathematics, University of Central Florida, Orlando, FL 32816. *Resultants of Chebyshev polynomials.*

Recently Dillcher and Stolarsky used algebraic methods to evaluate the resultant of two combination of Chebyshev polynomials of second kind. In this paper we give an alternative method of computing the same resultant and resultants of more general combinations of Chebyshev polynomials of the second kind. We also consider resultants of combinations of Chebyshev polynomials of first kind. (Received September 28, 2005)