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**Jemal Emina Giske\*** (jemal.giske@wku.edu), Western Kentucky University, Department of Mathematics, Bowling Green, KY 42101-1078, and **Mourad E.H. Ismail** (ismail@math.ucf.edu), University of Central Florida, Department of Mathematics, Orlando, FL 32816. *Resultants of Chebyshev Polynomials.*

Recently, K.Dillcher and K.B.Stolarsky used algebraic methods to evaluate the resultant of two linear combinations of Chebyshev polynomials of the 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 linear combinations of Chebyshev polynomials of the first kind. (Received September 18, 2009)