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George E. Andrews* (gea1@psu.edu), 306 McAllister Bldg, Mathematics Department, Penn State University, University Park, PA 16802. *Chebyshev polynomials and Compositions.*

The Theory of Compositions of integers has mostly been relegated to the very basic aspects of combinatorics. The object of this paper is to reveal their close relation to the Chebyshev polynomial $T_n(x)$ and $U_n(x)$. As a result, interesting combinatorial questions arise for compositions that have not been examined previously. (Received September 13, 2020)