Analogous to the use to sums of squares of real-valued functions to prove the reality of the zeros of the entire functions considered in G. Gasper [Using sums of squares to prove that certain entire functions have only real zeros, Fourier Analysis: Analytic and Geometric Aspects, W.O. Bray et al., eds., Marcel Dekker Inc., 1994, 171-186, www.math.northwestern.edu/george/preprints/ggUsingSums/index.html], integrals of squares of real-valued functions are used to prove the reality of the zeros of additional families of entire functions. (Received February 13, 2006)