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George E. Andrews* (andrews@math.psu.edu), Mathematics Department, 306 McAllister Bldg., Penn State University, University Park, PA 16828. *Partitions, Orthogonal Polynomials and q -Series*. Preliminary report.

In this talk, we will reexamine the connection coefficient theorems established in the late 1970's with Richard Askey. Our object will be to show why this alternative to Bailey chain methods can provide new insights for the study of partition identities (Received September 09, 2009)