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Results on the associated Jacobi and Gegenbauer polynomials. (English summary)

Proceedings of the Seventh Spanish Symposium on Orthogonal Polynomials and Applications (VII SPOA) (Granada, 1991).

J. Comput. Appl. Math. **49** (1993), *no. 1-3*, 137–143.

In this interesting paper the author obtains recurrence relations for the coefficients of the Jacobi polynomial form of the associated Jacobi polynomials $P_n^{(\alpha, \beta)}(x; c)$. Explicit formulae for these coefficients for certain values of α, β are given. Special cases of the main findings of the paper yield known results including the classical Watson formula for the first associated Gegenbauer polynomials.

{For the entire collection see [MR1256003 \(94k:42002\)](#)}

Reviewed by *K. C. Gupta*

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