Errata and comments for my 1985 paper *Special orthogonal polynomial systems mapped onto each other by the Fourier–Jacobi transform*

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_last modified_: November 5, 2020

These are errata and comments for the paper


p.179, (4.4): Replace the second upper parameter $\alpha + \delta + 1$ in the $\binom{4}{3}$ by $n + \alpha + \delta + 1$.

p.179, last line: The expression for $B_n$ should be

$$B_n = \frac{(n + \alpha + 1)(2n + \alpha + \beta + \delta - \mu + 2)}{(n + 1)(2n + \alpha - \beta + \delta + \mu + 2)} A_n + \frac{n(2n + \alpha - \beta + \delta + \mu)}{(n + \alpha)(2n + \alpha + \beta + \delta - \mu)} C_n.$$  

p.181, (5.11): This is the inversion pair as in Faraut [8, §IV], but without the discrete terms in the inversion formula, and with Faraut’s $\phi(x,s)$ expressed in terms of Whittaker functions by $\phi(x,s) = (2x)^{-\frac{1}{2}}W_{\kappa,\mu}(2x)$ (our curly W is just the usual Whittaker $W$-function). Earlier than Faraut this inversion pair was given in (4.9), (4.10) of the paper