Polynomial Family	A_n	B_n	C_n
Legendre $P_n(x)$	$\dfrac{2\,n+1}{n+1}$	0	$\dfrac{n}{n+1}$
Chebyshev (First Kind) $T_n(x)$	2	1	$\begin{cases} 1 & \text{if } n \geq 1 \\ 0 & \text{if } n = 0 \end{cases}$
Chebyshev (Second Kind) $U_n(x)$	2	0	1
Jacobi $P_n^{(\alpha,\beta)}(x)$	$\dfrac{2\,(n+1)+\alpha+\beta}{(n+1)\,(n+\alpha+\beta+1)}$	0	$\dfrac{(n+\alpha)\,(n+\beta)}{(n+1)\,(n+\alpha+\beta+1)}$
Laguerre $L_n^{(\alpha)}(x)$	$-\dfrac{1}{n+1}$	$\dfrac{2\,n+\alpha+1-x}{n+1}$	$\dfrac{n+\alpha}{n+1}$
Hermite $H_n(x)$ (Physicists)	2	0	$-2\,n$
Hermite $He_n(x)$ (Probabilists)	1	0	$-n$