$$d_0^{(0)} = 1, \quad d_k^{(0)} = 0 \quad \text{for} \quad k \neq 0 \quad d_k^{(n)} = 0 \quad \text{for} \quad k < 0 \quad \text{and for} \quad k > 3n/2 \quad 2(3n - 2k)d_k^{(n)} = \tfrac{1}{2}d_k^{(n-1)} + (1 - 2\sigma)$$

$$3n \equiv 0 \pmod 2.$$