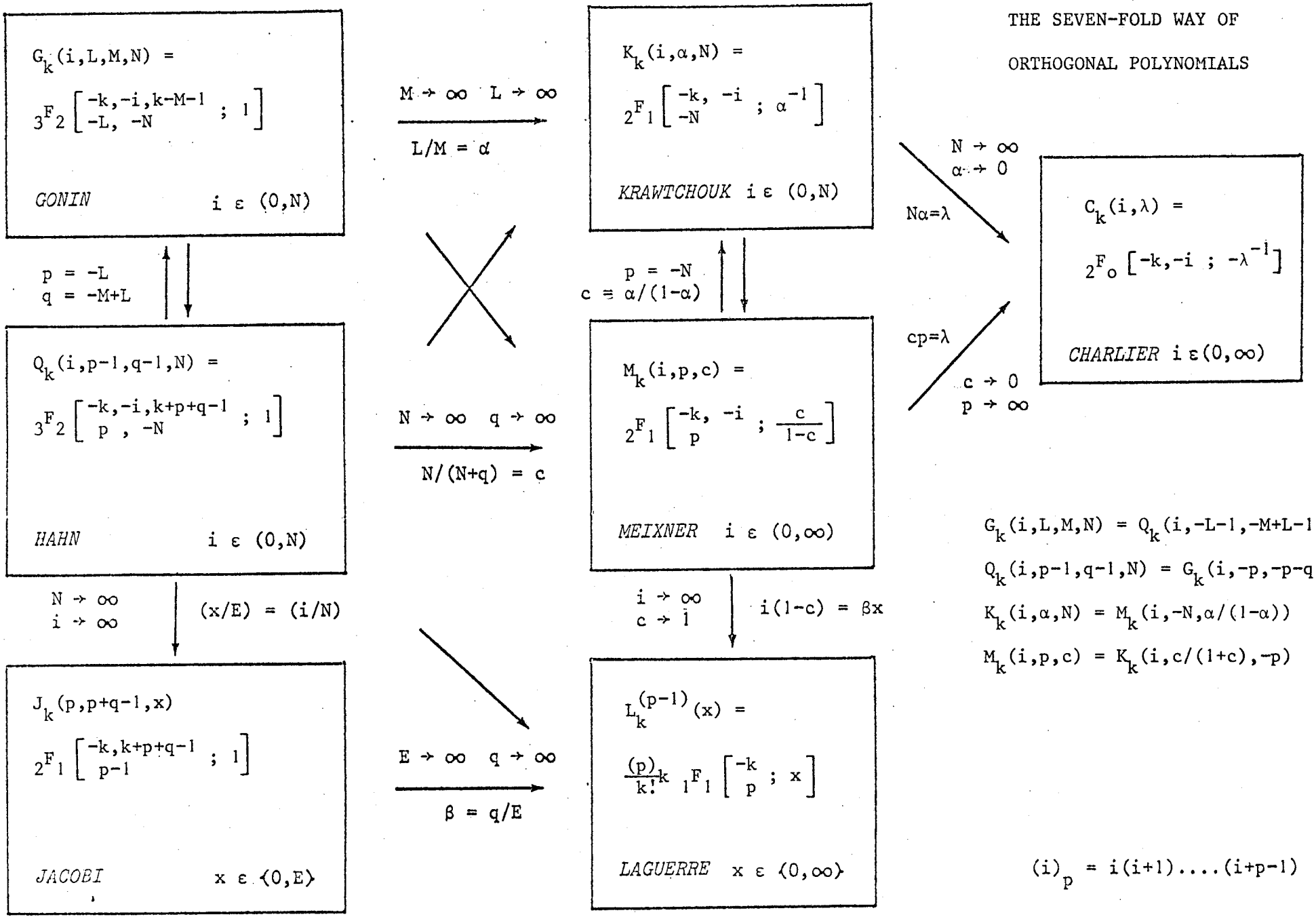
THE SEVEN-FOLD WAY OF ORTHOGONAL POLYNOMIALS



$$G_k(i,L,M,N) = Q_k(i,-L-1,-M+L-1,N)$$

$$Q_k(i,p-1,q-1,N) = G_k(i,-p,-p-q,N)$$

$$K_k(i,\alpha,N) = M_k(i,-N,\alpha/(1-\alpha))$$

$$M_k(i,p,c) = K_k(i,c/(1+c),-p)$$

$$(i)_p = i(i+1)\ldots(i+p-1)$$

M. HOARE 5.80