**WAI-SHUN CHEUNG**, The University of Hong Kong, Hong Kong *A matrix approach to the study of generalised derivatives of polynomials* 

Consider a polynomial p and a generalised derivative q of p. We construct two matrices whose characteristic polynomials are p and q respectively, and use the properties of the two matrices to study the relations between the zeros of q. This approach is a generalization of the concept of differentiators recently revived by R. Pereira.