1056-30-514 See Keong Lee* (sklee@cs.usm.my), School of Mathematical Sciences, Universiti Sains Malaysia, 11800 Minden, Penang, Malaysia. Subclasses of Meromorphic Functions Associated with Convolution.

Several subclasses of meromorphic functions in the unit disk are introduced by means of convolution with a given fixed meromorphic function. Subjecting each convoluted-derived function in the class to be subordinated to a given normalized convex function with positive real part, these subclasses extend the classical subclassed of meromorphic strarlikeness, convexity, close-to-convexity, and quasi-convexity. Class relations, as well as inclusion and convolution properties of these subclasses, are investigated. (Received September 11, 2009)