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Stacey Muir*, Mathematics Department, Scranton, PA 18510. *Properties of a Generalized Harmonic Bernardi Integral Operator.*

The Bernardi integral operator generalizes the Alexander and Libera operators on analytic mappings of the open unit disk. It preserves the families of convex and starlike analytic mappings and has connections with subordination. We extend this operator to complex-valued harmonic mappings of the open unit disk and discuss various geometric properties and a weak subordination result for this extended operator. (Received September 26, 2017)