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Micah Brame* (mbrame@butler.edu), 4600 Sunset Ave, Indianapolis, IN 46208, and **Scott Kaschner** (skaschne@butler.edu), 4600 Sunset Ave, Indianapolis, IN 46208. *Limits of Julia sets for sums of power maps and polynomials.*

For maps of one complex variable, f , given as the sum of a degree n power map and a degree d polynomial whose constant term has modulus less than one, we provide necessary and sufficient conditions that the geometric limit as n approaches infinity of the set of points that remain bounded under iteration by f is the closed unit disk. (Received September 25, 2017)