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01060. *Fatou components of Chebyshev-like maps*. Preliminary report.

Chebyshev-like maps were introduced in the 1980s as multivariable analogues of the Chebyshev polynomials. To each root system in \mathbb{R}^n is associated a sequence of commuting polynomial endomorphisms of \mathbb{C}^n . We will discuss the Fatou components of these maps in the cases where the root system is irreducible. (Received September 14, 2013)