1086-37-600 Scott R. Kaschner*, 1138 Canterbury Square South, Indianapolis, IN 46260, and Roland K. W. Roeder. Superstable Manifolds of Invariant Circles and Co-dimension 1 Böttcher Functions. Let $f: X \to X$ be a dominant meromorphic self-map, where X is a compact connected Hermitian manifold of dimension n > 1. Suppose there is an embedded copy of \mathbb{P}^1 that is invariant under f, with f holomorphic and transversally superattracting with degree a in some neighborhood. Suppose also that f restricted to this line is given by $z \to z^b$, with resulting invariant circle S. The regularity of the local stable manifold $\mathcal{W}^s_{loc}(S)$ is dependent on a and b. Specifically, I will show that when $a \ge b$, $\mathcal{W}^s_{loc}(S)$ is real analytic, and the condition $a \ge b$ cannot be relaxed without adding additional hypotheses. (Received September 08, 2012)