

## A POLYNOMIAL CLASS OF MARKUS-YAMABE COUNTEREXAMPLES

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*Abstract*

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In the paper [CEGHM] a polynomial counterexample to the Markus-Yamabe Conjecture and to the discrete Markus-Yamabe Question in dimension  $n \geq 3$  are given. In the present paper we explain a way for obtaining a family of polynomial counterexamples containing the above ones. Finally we study the global dynamics of the examples given in [CEGHM].

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