

REMARKS TO A THEOREM OF SINCLAIR AND VAALER

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Abstract. Sinclair and Vaaler in [6] Theorem 1.2 found sufficient conditions, nonlinear in the coefficients depending on a parameter $p \geq 1$, for self-inversive polynomials to have all their zeros on the unit circle. Here we discuss the dependence of the conditions on the parameter and through it we show that applying Theorem 1 of Lakatos and Losonczi [4] their result can be strengthened by giving the locations of the zeros.

Mathematics subject classification (2010): 30C15, 12D10, 42C05.

Keywords and phrases: Self-inversive polynomial, zeros, unit circle, power means.

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