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Title: Comments on the distribution modulo one of powers of Pisot and Salem numbers

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We consider the sequence of distances to the nearest integer $\|\lambda\alpha^n\|$, $n = 1, 2, 3, \dots$, where λ is a real number and α is a Salem number. We prove a characterization of the numbers λ satisfying the inequality $\limsup_{n \rightarrow \infty} \|\lambda\alpha^n\| < \varepsilon$, where $\varepsilon \in]0, C(\alpha)[$ and $C(\alpha)$ is the inverse of the length of the minimal polynomial of α . This allows us to extend a related result, on Salem numbers, due to A. H. FAN and J. SCHMELING [5].

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