

University of Colorado
Department of Mathematics
Problem of the Month
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Let $P(x) = x^n + a_1x^{n-1} + \cdots + a_{n-1}x + a_n$ be a real, monic polynomial of degree n . Let t be a real number. Let A be the $(n+1) \times (n+1)$ matrix whose ij -th entry is $P(x + t(i+j))$. Compute $\det A$.