Title: On expanding real polynomials with a given factor
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Let $f$ be a monic polynomial with real coefficients all of whose roots lie outside the closed unit disk and are non-positive. It is proved that $f$ is a factor of a polynomial all of whose coefficients are non-negative and satisfy a rather strong boundedness condition. This result is applied to polynomials $f$ with integer coefficients. It is shown that $f$ is a factor of a so-called CNS polynomial provided $f$ has at most one pair of complex-conjugate roots.

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