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**Title:** Descartes' rule of signs and moduli of roots

**Author(s):** Vladimir Petrov Kostov

A hyperbolic polynomial (HP) is a real univariate polynomial with all roots real. By Descartes' rule of signs, an HP with all coefficients nonvanishing has exactly  $c$  positive and exactly  $p$  negative roots counted with multiplicity, where  $c$  and  $p$  are the numbers of sign changes and sign preservations in the sequence of its coefficients. For  $c = 1$  and  $2$ , we discuss the question: When the moduli of all the roots of an HP are arranged in the increasing order on the real half-line, at which positions can be the moduli of its positive roots depending on the positions of the sign changes in the sequence of coefficients?

**Address:**

Vladimir Petrov Kostov  
Université Côte d'Azur  
CNRS, LJAD  
France