



Volume 7, Issue 1, Article 25

Zero and Coefficient Inequalities for Hyperbolic Polynomials

Authors: [J. Rubió-Massegú](#), [José Luis Díaz-Barrero](#), [P. Rubió-Díaz](#),

Keywords: Zeroes and coefficients, Inequalities in the complex plane, Inequalities for polynomials with real zeros, Hyperbolic polynomials.

Date Received: 26/05/05

Date Accepted: 09/12/05

Subject Codes: 12D10, 26C10, 26D15.

Editors: [Sever S. Dragomir](#),

Abstract: In this paper using classical inequalities and Cardan-Viète formulae some inequalities involving zeroes and coefficients of hyperbolic polynomials are given. Furthermore, considering real polynomials whose zeros lie in $\text{Re}(z) > 0$, the previous results have been extended and new inequalities are obtained.



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