
RICHARD FOURNIER, Dawson College and CRM

Three polynomial inequalities for the price of one!

I will exhibit and discuss an interpolation formula which contains in a rather obvious way the Bernstein inequality for trigonometric polynomials, an improvement of the Bernstein inequality for algebraic polynomials on the unit circle as well as the Duffin-Schaeffer-Markov inequality for polynomials on the unit interval. This follows from joint work with Dimiter Dryanov and Stephan Ruscheweyh.