

# Weak Bernstein-Markov property and weighted Chebyshev polynomial estimates

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We discuss some open questions involving  $L^2$ -norms, supremum norms, and weighted  $L^2$ - and supremum norms of polynomials on a compact subset  $K$  in  $\mathbf{C}^d$ . These problems, concerning the notions in the title, arise naturally in different, and sometimes unexpected, contexts.