

Einladung

Würzburger Mathematisches Kolloquium

Julius-Maximilians-Universität Würzburg • Institut für Mathematik

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Polynomial Approximation on the Boolean Hypercube?

Dienstag, 03. Februar 2026 • 14:15 Uhr

Seminarraum 0.002 • Zentrales Hörsaal- u. Seminargebäude Z6 (Am Hubland, 97074 Würzburg)

Der Vortrag wird auch als Zoom-Meeting übertragen: go.uni-wue.de/ifmcolloquium-zoom

Abstract. I will discuss polynomial approximation problems on the n -dimensional hypercube, focusing on quantitative estimates of the approximation error as n grows. This topic represents a burgeoning area in the analysis of Boolean functions—one that is far less understood than its classical counterpart on the real line. I will present several recent results together with its applications, as well as highlight ongoing challenges and open problems in the field.

