

# HARMONIC AND SPECTRAL ANALYSIS

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## Translational invariant linear spaces of polynomials and a problem posed by László Székelyhidi

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(joint work with GERGELY KISS)

We give a description of all translational invariant linear subspaces ('modules') of  $\mathbb{C}[x, y]$ , and show that not every module is relatively closed in  $\mathbb{C}[x, y]$ .