

A. Baranov, (Bordeaux, France)

Stability of bases and frames of reproducing kernels in model subspaces

Let Θ be an inner function. We study the problem of stability of Riesz bases and frames of reproducing kernels in the model subspaces $K_\Theta = H^2 \ominus \Theta H^2$ of the Hardy class H^2 under small perturbations. Our approach is based on the recently obtained estimates of derivatives in the model subspaces.