

Karen Keryan

Yerevan State University & American University of Armenia, Armenia

Orthonormal spline systems on \mathbb{R} with zero means as basis in $H^1(\mathbb{R})$

We ascertain a simple geometric characterization of knot sequences for which the corresponding orthonormal spline system of arbitrary order r with zero means is a basis in the Hardy space $H^1(\mathbb{R})$.