

رتبه اول مشترك خارجي
Foreign First Joint Winner

Project Title:

Optimal Recovery of Operators

Researcher:

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Country:

Kazakhstan



عنوان طرح:

بازيافت بهينه اپراتورها

محقق:

دکتر الکساندر ژنسيبايف

کشور:

قزاقستان

Abstract:

Fundamental theorem of algebra for monosplines in general case is given. Uniqueness and existence of the best quadrature formula for Sobolev classes are proved. Optimal recovery methods of operators using (in)accurate information for convolution type or elements are constructed. New approximation methods of multivariate functions are presented. These methods are applied for description of radio nuclear fields in Semipalatinsk area.