## Integral Riesz systems and their properties

A.A. Zakharova<sup>1</sup>

<sup>1</sup> Moscow State University—
Department of Mechanics and Mathematics,
Vorobjevi Gori, Moscow, 119899, Russia;

## Abstract

In 1948 the definition of Riesz basis in Hilbert space was given by Bary N.K. The author summarizes definitions of frame and Riesz basis in integral case. Also necessary and sufficient conditions for integral frame are stated and proved.