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Laura De Carli* (decarlil@fiu.edu), Department of Mathematics, Univ. Park, Miami, FL 33199, and **Pierluigi Vellucci**. *Stability theorems for systems of rect and sinc*. Preliminary report.

We prove stability theorems for Riesz bases of rect (or sinc) functions on subspaces of $L^2(\mathbb{R})$. We apply our results to the zero-order hold (ZOH), a mathematical model of the practical signal reconstruction. This is a joint work with P. Vellucci, from the Univ. Roma "La Sapienza" (Italy) (Received February 06, 2016)