1012-42-88   **Akram Aldroubi** (`akram.aldroubi@vanderbilt.edu`), **Anatolii G. Baskakov**
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Math Department, Box 1146, 1 Brookings dr., St. Louis, MO 63130. *Sampling and reconstruction
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Conditions for a set to be a set of sampling can be expressed in terms of a certain property of an infinite matrix.
We describe this relation and discuss when a set of sampling for some $p_0 \in [1, \infty]$ remains a set of sampling for all
$p \in [1, \infty]$. (Received September 10, 2005)