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Short title: On the composition of numerical methods for solving three-point difference equations.

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Review text:

The block-tridiagonal matrix a (with M by M blocks) of linear system $ay = b$ is assumed partitioned into five (coupled) subsets of the respective partitioning sizes $1, p, q - p + 1, N - q - 1$ and 1 . The three internal subsets themselves are then assumed tractable by the three different algorithms taken from Refs. [1], [2] and [3], respectively. In a direct continuation of Refs. [4] and [5] the so called hybrid algorithm (imposing the coupling among sub-solutions and matching the partitions) is then proposed and tested.