

## Approximate reducibility of unitary subgroups

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A group of 2-by-2 block matrices whose each member is block-upper triangular is always reducible. For subgroups of a unitary group it is shown that the same is true if block upper-triangularity is replaced by a weaker condition that, for every element of a given unitary subgroup, the norm of a block at position  $(2, 1)$  is sufficiently small.

This is a joint work with M. Mastnak, M. Omladič, and H. Radjavi.