

ON THE MATRIX WHICH IS THE SUM OF A TRIPOTENT AND A QUASINILPOTENT MATRICES

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Abstract. We investigate Hirano polar matrices over a local ring, and completely determine when a 2×2 matrix over a local ring is the sum of a tripotent and a quasinilpotent matrix.

Mathematics subject classification (2010): 15A09, 32A65, 16E50.

Keywords and phrases: Tripotent, quasinilpotent, Jacobson radical, 2×2 matrix, local ring.

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