NEW REPRESENTATIONS FOR THE MOORE-PENROSE INVERSE*

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Abstract. In this paper, some new representations of the Moore-Penrose inverse of a complex $m \times n$ matrix of rank $r$ in terms of $(s \times t)$-constrained submatrices with $m \geq s \geq r$, $n \geq t \geq r$ are presented.

Key words. Constrained submatrix, Moore-Penrose inverse.

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