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PERTURBATION OF THE GENERALIZED DRAZIN INVERSE[*]

CHUNYUAN DENG[†] AND YIMIN WEI[‡]

Abstract. In this paper, we investigate the perturbation of the generalized Drazin invertible matrices and derive explicit generalized Drazin inverse expressions for the perturbations under certain restrictions on the perturbing matrices.

Key words. generalized Drazin inverse, perturbation, index, block matrix.

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