

EXTENSIONS OF THEORY OF REGULAR AND WEAK REGULAR SPLITTINGS TO SINGULAR MATRICES

LITISMITA JENA¹

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ABSTRACT. Matrix splittings are useful in finding a solution of linear systems of equations, iteratively. In this note, we present some more convergence and comparison results for recently introduced matrix splittings called index-proper regular and index-proper weak regular splittings. We then apply to theory of double index-proper splittings.

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ANANDAPUR COLLEGE, NORTH ODISHA UNIVERSITY, ANANDAPUR - 758021, ODISHA, INDIA.

E-mail address: litumath@gmail.com