Year: 2009 | Vol.: 74 | Fasc.: 3-4

Title: Matrix splittings and generalized inverses

Author(s): Nebojša Č. Dinčić

In this paper we introduce a splitting of the class of square singular complex matrices induced by its inner inverses in two ways: using the Jordan normal form, and using the concept of the condiagonalizability. Then we use the introduced splitting to prove a special case of Harte's theorem [?] for complex matrices.

Address:

Nebojša Č. Dinčić Department of Mathematics Faculty of Sciences and Mathematics University of Niš P.O. Box 224, Višegradska 33 18000 Niš Serbia