

Publicationes Mathematicae Debrecen **Year: 2024** **Vol.: 105** **Fasc.: 1-2**

Title: The group invertibility of a matrix with nonsingular generalized Schur complement

Author(s): Huanyin Chen and Marjan Sheibani

We present the group invertibility of a complex matrix under new perturbed conditions. The group invertibility for a block matrix with nonsingular generalized Schur complement is thereby obtained.

Address:

Huanyin Chen
School of Big Data
Fuzhou University of
International Studies and Trade
Fuzhou 350202
China

Address:

Marjan Sheibani
Farzanegan Campus
Semnan University
Semnan
Iran