

Matrices over algebras

MARIE AND CHODA

Osaka Kyoiku University
marie@cc.osaka-kyoik.ac.jp

18 WORKSHOP, BĘDLEWO 2018

Abstract

Motivated by some phenomenon in inclusion of matrix algebras, we consider matrices over algebras and UCP (unital completely positive) maps arising naturally from these matrices.

We show some relations between properties of UCP maps and the data for inclusions of algebras.