On unitary equivalence of bilateral operator valued weighted shifts

J. Kośmider

Institute of Mathematics, Jagiellonian University, Krakow

During the talk we establish a characterization of unitary equivalence of two bilateral operator valued weighted shifts with quasi-invertible weights by an operator of diagonal form and present an example of unitary equivalence between shifts with weights defined on \mathbb{C}^2 which cannot be given by any unitary operator of diagonal form.