

EIGENVALUES OF PARTIALLY PRESCRIBED MATRICES*

MARIJA DODIG[†]

Abstract. In this paper, loop connections of two linear systems are studied. As the main result, the possible eigenvalues of a matrix of a system obtained as a result of these connections are determined.

Key words. Loop connections, Feedback equivalence, Eigenvalues.

AMS subject classifications. 93B05, 15A21.

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[†] Centro de Estruturas Lineares e Combinatórias, CELC, Universidade de Lisboa, Av. Prof. Gama Pinto 2, 1649-003 Lisboa, Portugal (dodig@cii.fc.ul.pt).