

## INVERSE ELEMENTARY DIVISOR PROBLEMS FOR NONNEGATIVE MATRICES

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*Abstract.* The aim of this paper is to answer three questions formulated by H. Minc in his two papers and book on the problem of prescribed elementary divisors for entrywise nonnegative or doubly stochastic matrices. They study the relation of the problem for a diagonalizable and for a general entrywise nonnegative matrix, respectively. One answer is in the positive, two are in the negative directions.

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