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INVERSION OF MODIFIED SYMMETRIC MATRICES

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The author examines the problem of computing the reverse of a modified symmetric matrix when the reverse of the original symmetric matrix is unknown. Two cases of reversing are dealt with distinctly, according as the matrix is modified by the simultaneous change of a column and of the line symmetric with it, or by the change of an element and of its symmetric element. ALGOL procedures are shown for both cases.

D.D.