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$$\begin{bmatrix} F_1 & X+1 & 0 & -1 & 0 & X_1 & F_1 & Y_0 & 0 \\ 0 & 0 & Y_1 \end{bmatrix}$$

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Solutions Manual

- The term finite element was first coined by clough in 1960. In the early 1960s, engineers used the method for approximate solutions of problems in stress analysis, fluid flow, heat transfer,

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