

SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore - 641 107



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Topic: 3.5 - Gauss Jordan method

F) solve by Gauss-Jordan method:

$$5x_1 - x_2 = 9$$
; $-x_1 + 5x_2 - x_3 = 4$; $-x_2 + 5x_3 = -6$
The given on augmentends matrix is
$$(A, B) = \begin{bmatrix} -1 & 5 & -1 & | & 4 \\ 5 & -1 & 0 & | & 9 \\ 0 & -1 & 5 & | & -6 \end{bmatrix}$$



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