

$$A = \begin{pmatrix} 1 & -2 & -1 & 1 \\ 2 & 1 & 0 & 1 \\ 1 & -4 & 0 & -4 \\ -1 & 1 & 0 & 1 \end{pmatrix} \quad B = \begin{pmatrix} 10 \\ 8 \\ 1 \\ -7 \end{pmatrix}$$

$$x_1 = 1$$

$$x_2 = -1.25$$

$$x_3 = 2.75$$

$$A^{-1} = \begin{pmatrix} 0 & 0.253 & 0 & -0.253 \\ 0 & 0.125 & 0.125 & 0.375 \\ -1 & -0.042 & -1.375 & -2.458 \\ 0 & -0.042 & -0.375 & -0.458 \end{pmatrix}$$

$$x_4 = 1.75$$

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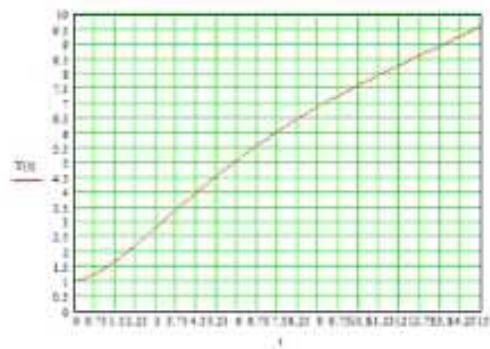
$$C = A^{-1} \cdot B$$

$$C = \begin{pmatrix} 2 \\ -1.25 \\ 2.75 \\ 1.75 \end{pmatrix}$$

$$V(t) = \left(\sin(0.25t) + 2t + e^{-0.25t} \right) - 2 \cos\left(\frac{180}{10}t\right)$$

t = 0, 1, 15

t =	V(t) =
0	1
0.1	1.011
0.2	1.03
0.3	1.054
0.4	1.083
0.5	1.118
0.6	1.158
0.7	1.201
0.8	1.248
0.9	1.298
1	1.3
1.1	1.354
1.2	1.411
1.3	1.471
1.4	1.534
1.5	1.598



Meth

Graph

Menu

Calculator

Green

α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ σ τ υ φ χ ψ ω

Akeredolu mogbo

Elect/elect

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