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MEU600Z MIDTERM
IMPAN ALI ADNAN // 1706Z/11D
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$$\frac{(62)}{(12)} f(x) = \frac{(606)20) \ln(2)}{(12)} + \frac{(64)2}{5} = 0 \quad \Rightarrow f'(30) = -\frac{(64)2}{30} + \frac{(64)2}{30} + \frac{($$

$$\begin{array}{c} (25) \quad \Delta = \begin{bmatrix} 5 & 1 & 2 \\ 1 & 1 & 6 \\ 1 & 8 & 2 \end{bmatrix}, \quad B = \begin{bmatrix} 3 \\ 6 \\ 2 \end{bmatrix} \\ C_{1} = \begin{bmatrix} 5 \\ 2 \\ 2 \end{bmatrix}, \quad C_{2} = \begin{bmatrix} 5 \\ 1 \\ 2 \end{bmatrix}, \quad C_{3} = \begin{bmatrix} 5 \\ 2 \\ 2 \end{bmatrix}, \quad C_{3} = \begin{bmatrix} 5 \\ 2 \\ 2 \end{bmatrix}, \quad C_{4} = \begin{bmatrix} 5 \\ 2 \\ 2 \end{bmatrix}, \quad C_{5} = \begin{bmatrix} 5 \\ 2 \\ 2 \end{bmatrix}, \quad C_{5} = \begin{bmatrix} 5 \\ 2 \\ 2 \end{bmatrix}, \quad C_{7} = \begin{bmatrix} 5 \\ 2 \\ 2 \end{bmatrix}, \quad C_{7} = \begin{bmatrix} 5 \\ 2 \\ 2 \end{bmatrix}, \quad C_{1} = \begin{bmatrix} 5 \\ 2 \\ 2 \end{bmatrix}, \quad C_{1} = \begin{bmatrix} 5 \\ 2 \\ 2 \end{bmatrix}, \quad C_{2} = \begin{bmatrix} 5 \\ 2 \\ 2 \end{bmatrix}, \quad C_{3} = \begin{bmatrix} 5 \\ 2 \\ 2 \end{bmatrix}, \quad C_{4} = \begin{bmatrix} 5 \\ 2 \\ 2 \end{bmatrix}, \quad C_{5} = \begin{bmatrix} 2 \\ 2 \\$$

52, + 1-0.3056) + 2(1-24) = 3

70, -0.16512

Ly
$$5x_1 + x_2 + 7x_3 = 3$$

$$2x_1 + 9x_2 + 7x_3 = 7$$

$$4x_1 + x_2 + 6x_3 = 6$$

$$2x_2 = \frac{3 - 2x_3 - 7c_2}{5}$$

$$2x_1 = \frac{3 - 2x_3 - 7c_2}{5}$$

$$2x_2 = \frac{7 - x_1 - 7x_3}{6}$$

$$2x_3 = \frac{6 - 5x_1 - x_2}{6}$$

ITERATION

国-79.2%

ITERATION 3

Ez - 3-416666

- 0-271796

Ez = 70-945%

5max - 70.946%

Es = 0.95002%

- 0-916492

ITEMATION (5)

X1 - 0-2706310

7cz - 0-01204926

703-00017571

En =04306%

Ezz - 15.038%

Ex3 - 0-131970%

GMAX - 15.039%

ITERATON 6

21 -0-27056188

702 = 0.0-011786947

7cy = 0. 917660017

Ez, -0-0255755

Erz = 2.2150%

523 = 0.01096 1%

Emax = 2-2150/0

ITERATION 3

74-0-2705792

702 - 0.01176249

Jus = 0-017654

521 - 5.006041%

E702 - 0-207%

Escs = 0-60955%

EMAX = 0.207%

EMAX -0.207% < 1% AT ITERATION 7

LA JC, - 6-2705792

JCZ = 0-01176ZU9

303 = 0-917654

$$3c_{1} = 8.106973c_{3}$$

$$3.10897$$

$$3.10897$$

$$7c_{2} = -71.03673$$

$$7c_{3} = 263$$

#WHEN
$$\lambda_2 = 1.7216$$
 $\frac{4-13216}{2}$
 $\frac{7}{2}$
 $\frac{7$

$$2C_1 = -0.90131123$$
 -0.404311
 -0.404311
 -0.404311
 -0.404311
 -0.404311
 -0.404311

13-7.09692 -3.096GZ - 7.04692 -7.09/69Z -3.0G169Z 4-7-096GIZ -1.29546--3.09692 -5-8053) Vz - 1.29546 Vz - 0.50598 JU1 = 1.29546763 762 - 0-50598763 てる = 203 λ = - 0.81948, λz= 1-7216, λz= 7-69692 - 1.29546 1- -0-904341 r 6.10997 Vz- 0.50599 Vz --0-416974 -21.03623 (A-A') 2 = 3-20 (26) Az = \lambda (A-A') 22 = 32 (2) 2 L= AV = AV L& AV-ZV ~ (A-A') TL

VA-A) = 370 :A'V=1V