1 com month of
[-4.7 -1.55 -0.55] [17
x = 0.3 -2.75 -0.35 x + 0 u
y:[2 1]x
4 - 4
- A)(1+42 166 0867/0 07/0 == 0
$A)$ $\lambda + 4.7$ 1.55 0.55 $\lambda + 4.7$ $\lambda + 2.75$ 0.35
L-1.1 \(\lambda + 2.55\)
1+0.55[-0.3 \lambda+2.75]
- abrebra
13 212 27 1 70 50
$\frac{\lambda^{2} + 10\lambda + 2564\lambda + 58.56}{\lambda = -4, (-3 \pm 0.8)}$ (wolfram to find roots)
[-3-0.8i]
-Calenni III
B) see affacted plots w/ lines (can only plot \lambda: -4 -1 h different values of T > 0)
(can only plot 1: -4 with different velles of T > 0)
c) unstable + inaccurate: T= =
stable + inaccurate: T= \frac{1}{32}
stable + accurate: T= 1/4
DIATE GEVIANO 12 q
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Total Total X = 4 o(2) = 17 2 - 3 o(2) = 2 16 7 5
22-15-2+ = - (=)(-4)(14-2-2)
= 2 - 1 + 2 + 1 + 2 - 1 = 2
= = = = = = = = = = = = = = = = = = =
T= \$\frac{1}{2} \frac{1}{2} \f
= 是 1
- 2 - 1 2 + 1 mills (cots & 57 + 16065 1/0 and +
T: 4: 2 - 1 4 - 1 - (5) - 4) (11 2 - 1) (11 2 - 1)
======================================
11 = 11 Will roots of 1 = 1009 = 0.530