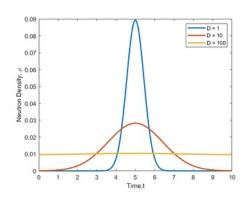
Language used: MATLAB

Source code: Problem-Lb.m

figure: Problem- Lb. Prg.



observations:

- . For Lower values of D, the peak of durisity directibution occurs at the raidpoint [T=5] of the timespan.
- · As Dincreases the peak density decreases.
- · For D=100, denoity distribution is a flot Storight line at 0.01

$$\frac{N \cdot B \cdot i}{E}$$

$$A = \begin{cases}
-2 + C; i = j & \text{[Just like } \\
1; |i-j| = 1 & \text{the Schrii-} \\
0; else & \text{problem}
\end{cases}$$

But the distribution for different values of 'D' differs quite a bit orders of magnitude and the figure just doesn't tell any story them. I would appreciate it you could point the mistake here.