free download solution of analysis of linear system by david k cheng zip

```
        label='Model -> 13 May - 30 May')
plt.plot(tf3, fitted3 , color="blue", alpha=5, lw=2.5,\
        label='Model -> 30 May - 9 July')
plt.plot(tf4, fitted4 , color="aqua", alpha=5, lw=2.5,\
        label='Model -> 9 July - 11 August')
plt.plot(tf5, fitted5 , color="lawngreen", alpha=5, lw=2.5,\
        label='Model -> 11 August - 17 September')
plt.plot(tf6, fitted6 , color="darkorange", alpha=5, lw=2.5,\
        label='Model -> 17 September - 9 November')
plt.plot(tf7, fitted7 , color="chocolate", alpha=5, lw=2.5,\
        label='Model -> 9 November - 30 December')
plt.plot(tf8, fitted8 , color="red", alpha=5, lw=2.5,\
        label='Model -> 30 December - 24 January')
plt.plot(tf9, fitted9 , color="maroon", alpha=5, lw=2.5,\
        label='Model -> 24 January - 15 April')

plt.plot(M_New,color="black",alpha=5,\
        lw=2,linestyle='dotted',label='Real data')

xcoords = [73, 90, 130, 163, 200, 253, 304, 329]

for xc in zip(xcoords):
plt.axvline(x=xc, color="black", linestyle='dotted', alpha=0.5, lw=2)

plt.set_xlabel('Time (days)',fontweight="bold")
plt.set_ylabel('Active infected',fontweight="bold")
plt.yaxis.set_tick_params(length=0)
plt.xaxis.set_tick_params(length=0)
plt.grid(b=True, which='major', c='w', lw=2, ls='-')
legend = plt.legend(title="Population: ",loc=6,bbox_to_anchor=(1.05,0.2))
```