

Mathematical modelling is Dragrams, scattered plots to	a prices that real
Honocoone Gacal Difference Conditions Considerations Control C	ential Equation amic Systems
Ton = 10°C	20
TEY = 20°C	15
Input = 25° c 1	
dT =Kdt	

T = Ackt + Tx			
at Troy = 100	(ii)	t	T
10 = Aex(0) + 25		0	25-15 *Exp(-0.22 +A2)=10
10 = A(1)+25		1	25-15 Fxp(-0-22 x A3)=12 96222
10 = ## A + 25		2	25-15*Exp[-0.22x A]=15.33945
10-25 = A		58	25-15 * Exp(-0.22 × A)=24.99996
-15 = A		69	25-15 Exp (-0.27 × AG)=24.09997
: A = -15°C		60	25-15 Fop (-0.22 xA7) = 24. 79997
T(+) = 25 - 15C++			
at T(6) = 20° E			
20 = 25 - 15e Kies			

Command window Clown clo Close all t = [0:1:60] T = 25-15 * exp (-0-22 *t) Plot (t,7)