

Will	White the state of
MILE	
13/12/14	MAGIC
	MATHS.
	y" (4) tylt) = t + 5(t-1) - y x) = 1 y/6)=0.
	$\frac{1}{3} \left(\frac{1}{3} + 1$
	$\Rightarrow 5^{2}Y-5(11-10)+y=\frac{1}{5^{2}}+e^{-5}$ $(5^{2}+1)Y=\frac{1}{5^{2}}+5+e^{-5}$
	$V = \frac{1}{S^2(S^2H)} + \frac{1}{S^2H} + \frac{1}{S^2H}$
30	$\frac{1}{S^{2}(S^{2}H)} = \frac{AS+B}{S^{2}} + \frac{CS+D}{S^{2}+1}$ $= (AS+B)(S^{2}H) + (CS+D)(S^{2}) = 1$
3	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
Potas	A=-c, 6=-0 => A=(=0 B=1, D=1
	51(5+1) = 5 5 52+1
7	UN= 1 + 1 + 5 + 1 + 5 + 1 + 25 - 5 + 1 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -
	g(t) = t-sint + raint + u(t-1) sin(t-1)
()	1 - 5 A 15 - 10 1 - 2 - 10 1 - 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -





