













	Stability analysis							
A	Routh's method			No and a start of the start of				
u t o m	Example	$2s^4 + s^3 + 3s^2 + 3s^2$	5 <i>s</i> + 1	0 = 0				
a t i			5 ⁴ 5 ³	2 1	3 5	10 0		
c		Sign change	s ²	$\frac{(1)(3) - (2)(5)}{1} = -7$	10	0		
C 0		Sign change	s ¹	$\frac{(-7)(5) - (1)(10)}{-7} = 6.43$	0	0		
n t			<u>s</u> 0	10	0	0		
r o l								