Hurwitz

check with solutions.

1e) $s^4 + 4s^3 + 6s^2 + 4s + 2$

+	4	1	6	2
	3	4	4	0
+	2	5	2	
b +	1	$\frac{79}{25}$		
c +	0	2		
d				

$$b_{n-1} = \frac{6.4 - 1.4}{4} = 5$$

$$b_{n-3} = \frac{4.2 - 1.0}{4} = 2$$

$$c_{n-1} = \frac{5.4 - 4.2}{5} = \frac{79}{25}$$

$$d_{c-1} = \frac{\frac{79}{25}\cdot 2 - 5.0}{\frac{79}{25}} = 2$$

sign changes → zero

the # of roots with positive real parts is zero.