For the 
$$G_{e}(s) = \frac{10}{8^5 + 78^4 + 68^3 + 428^2 + 88 + 56}$$
 find # of poles

on RHP using routh away.

So updating the 3 row we get

	,		
65	1	6	8
54	71	426	568
Δ <sup>3</sup>	38 '	843	0
8 <sup>2</sup>	3	8	D
5'	1/3	0	0
∆°	8	0	0
2			

No change in sign in I column of Routh Array.