Homework E.14 - Solution

	Sola	0
E.14	De outer book with in figure is	
	20 1 kos' + lips + lis] - 3/-9/5 1 3	
	The char eg so	
	$1 + P(s)(s) = 1 + \left(-\frac{9}{s^2}\right) \left(\frac{k_0 s^2 + k_0 s + k_x}{s}\right) = 0$	
	$= 3 + (-9k_0)s^2 + (-9k_0)s + (-9k_0) = 0$	
	$=) + h_{I} \left(\frac{-9}{s^{3} + (-9k_{0})s^{2} + (-9k_{0})s} \right) = 0$	
	Matlas command for root locus us	,
	Mocas ([-9), [1, -9ko, -9kp, 0])	
## (### ## ##) 2000 # 1 1 1		
	2	