Determinar las raíces de $P(x) = 1 + 3x + 5x^2 + 6x^3$

con $x_0 = -0.45$ con 3 cifras significativas

$$E_s = 0.5 \times 10^{2-3} = 0.05\%$$

Iteración 1

6	5	3	1	
	-2.7	-1.035	-0.88425	-0.45
6	2.3	1.965	0.11575	
	-2.7	0.18	-0.45	
6	-0.4	2.145		

$$X_1 = -0.45 - \frac{0.11575}{2.145} = -0.503962704$$

$$E_a = \left| \frac{-0.503962704 - (-0.45)}{-0.503962704} \right| * 100$$

$$\boxed{E_a = 10.70767808\%}$$

Iteración 2

6	5	3	1	
				-0.503962704
	-3.023776224	-0.995943077	-1.009969946	
6	1.976223776	2.004056923	-0.009969945	
	-3.023776224	0.527927364	-0.503962704	
6	-1.047552448	2.531984287		

$$X_2 = -0.503962704 - \left(-\frac{0.009969945}{2.531984287} \right)$$

$$\boxed{X_2 = -0.500025102}$$

$$E_a = \left| \frac{-0.500025102 + 0.503962704}{-0.500025102} \right| * 100 = 0.787480865\%$$

Iteración 3

6	5	3	1	
				-0.50025102
	-3.00051062	-0.99979485	-1.000152767	
6			-0.000152766	
	1.999489388	2.000205115		
	-3.000510612	0.500535739	-0.50025102	
6	-1.001021224	$2.50074085S$		

$$X_3 = -0.50025102 - \left(\frac{-0.000152766}{2.50074085S} \right)$$

$$X_3 = -0.49964013$$

$$Ea = \left| \frac{-0.49964013 - (-0.50025102)}{-0.49964013} \right| * 100 = 0.01221867\%$$

R// raíz $= -0.49964013$ error $= 0.01221867\%$.   Pag 3