t(x)=0,35x4-0,45x2+4,8	f(1,1) = 4,767935
b. Primera y segunda diferencia centrada	f'(1,1) = 0,8734
$f'(x_i) = (f(x_i+1) - f(x_i-1))/2h + O(h^2)$	f"(1,1) = 4,182
$f'(x_i) = (f(1,15) - f(1,05))/2(0,05) + O(h^2)$	
f'(xi) = (-4, 81702718 - (-4, 7293021875))/0,1 = 0,87725	
$f(1)(x_i) = (f(x_i+0) - 2f(x_i) + f(x_i-1))/h^2$	
f"(xi) = (-4,8170271875 -2(-4,767935)+ (-4,72930218)))/ h²
$F^{u}(x_{0}) = 4.182$	
a primera y segunda diferencia adelante/atras	
F(x) = (f(x; +1) - F(x;))/h	
F(x) = (4,87776 - 4,767935)/0,1 = 1,09825	
F(x) = (F(x=1) - F(x)/h	
f'(x) = 4,7 - 4,7679350= -0,67935	
F'(x) = (F(x;+1) - F(x;-1))/2h	

 $F''(x) = (f(x; +2) - 2f(x; +1) + f(x; +1)/h^{2}$ $F''(x) = (5,039135 - 2(4,87776) + 4,767935)/(0,39)^{2} = 5,155$ $F''(x) = (f(x; +2) - 2f(x; +1) + f(x; +2)/h^{2}$ $F''(x) = (4,767935 + 2(4,7) + (4,665135))/h^{2} = 3,307$ $F''(x) = (f(x; +1) + f(x; +1) - 2f(x; +1)/h^{2}$ $F''(x) = (4,87776 - 9,53587 + 4,7)/0,1^{2} = 4,189$