z_i	$f(z_i)$	$f[z_i, z_{i+1}]$	orden 3	orden 4	orden 5	orden 6	orden 7	orden 8
0	0							
		$f'(0) = 0$						
0	0		$\frac{1-0}{1-0} = 1$					
		$\frac{1-0}{1-0} = 1$		$\frac{0-1}{1-0} = -1$				
1	1		$\frac{1-1}{1-0} = 0$		$\frac{-0.5-(-1)}{3-0} = 0.167$			
		$f'(1) = 1$		$\frac{-1.5-0}{3-0} = -0.5$		$\frac{0.5-0.1666667}{3-0} = 0.111$		
1	1		$\frac{-2-1}{3-1} = -1.5$		$\frac{1-(-0.5)}{3-0} = 0.5$		$\frac{-0.125-0.111}{5-0} = -0.047$	
		$\frac{-3-1}{3-1} = -2$		$\frac{0.5-(-1.5)}{3-1} = 1$		$\frac{-0.125-0.5}{5-0} = -0.125$		$\frac{0-(-0.047)}{5-0} = 0.009444$
3	-3		$\frac{-1-(-2)}{3-1} = 0.5$		$\frac{0.5-1}{5-1} = -0.125$		$\frac{-0.125-(-0.125)}{5-0} = 0$	
		$f'(3) = -1$		$\frac{2.5-0.5}{5-1} = 0.5$		$\frac{-0.625-(-0.125)}{5-1} = -0.125$		
3	-3		$\frac{4-(-1)}{5-3} = 2.5$		$\frac{-2-0.5}{5-1} = -0.625$			
		$\frac{5-(-3)}{5-3} = 4$		$\frac{-1.5-2.5}{5-3} = -2$				
5	5		$\frac{1-(4)}{5-3} = -1.5$					
		$f'(5) = 1$						
5	5							