Post test 2

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F(x) = 2x3 + 2x2 - 2x - 2

1. xn = 019 xn+1 = 1101

2. $F(xn) = 2(0.9)^3 + 2(0.9)^2 - 2(0.9) - 2 = -0.722$ $F(xn+1) = 2(1.01)^5 + 2(1.01)^2 - 2(1.01) - 2 = 0.08080$

3. F(xn) · F(xn+1) = -0,722 · 0,08080 = -0,05833

4. $x_1 = \frac{(x_1 + x_1 + 1)}{2} = \frac{(0.9 + 1.01)}{2} = 0.955$

5, F(x+)=2(0,955)3+2(0,955)2-2(0,955)-2=-0,34398

6. Cev: F(xt) + F(xn) = - - = +

xn = x + = 01955

F(xn) = F(x+)=0134398

Xn+1 = 1101

Herasi	×n	XU+1	= X4	Flxn)	F(xn+1)	F(xt)	L-(xf) · E(xD
١.	019	1,01	0,955	-01722	6,80802	0,34398215	4
2.	019687	110625	1,0136	- 24263	0195123	0.126347	≥ 2 -
2	6,9499773	1,00006834	\$10m228	-0,00008135	0,005 46757	0,00018256	-