Taller 11 1 f(x)=1,1x4-2,2x3+0,7x2-2x+2 X=1,23 AX=0,03 22x3-33x2+7x-10 4,4x3-6,6x2+1,4x-2 f(x)=f(1,23) = -1.017578125 V. Aproximado AF(x)=14,4(1,25)3-6,6(1,25)2+1,4(1,25)-2) ×0,05= -0.00984375 E. Aproximado f(x) (-[(-1.017578125)-(-0.0984375)]=[(-1,017578125) 7 (-0.0984375)] F(x)-1-0.919140, -1.116016]) 2) f(x)=cos(x)* (n(2x) F(x)=cos(x) - sen(x) In (2x) f(x)=(11/3)=0.36963238 V. Aproximado DF(x) = cos(x/2) - sen(x/3)* In(z(x/3))*0,005 = -8.137862419 x 10-4 E. Aproximado f(x) E[(0.36963238)-(-8.137862419×10-4)]=[(0.36963738) + (-8.137862419×10-4)]= f(x) (0,)704 461662, 0.3688185938]