Solve the following equation by using second method x (0sx-)x2+3x-1=0 0.2 6x 6 0.3  $f(x) = x \cos x - 2x^2 + 3x - 1$   $x_0 = 0.0$ xn+1 = xp [xp-xn+] f(xn)  $x_1 - x_1 - (x_1 - x_0) f(x_1)$ f (a2)=-0.28399 f(0.3)=0.0066  $x_2 = (0.3) - (0.3 - 0.2)(-0.28399)$ 0.0066 - (+0.28399) f(x2) - f(x1) p(2) =0.3 f(2) =0.0166 x2=0.29773 f(x2)=0.00054 x3 = 0.76113 - (0.29713-0.3)(0.00054) (0.00054)-(0.0066) = 0,29753

n that f(xny) xn f(xy) xm, f(xm) 1 0.2 -6.29377 8.3 . 8.0066 0.29773 0.06054 2 0.3 0.0066 0.2973 0.00054 0.29753 0.00001