

vi) Ev= Jy I Usando la IV defisida previamente EVE 0,000648932 (2)  $y' = 4(1+x)y^2$  y(0) = 1  $x = 0 \rightarrow x = 1$ h= 0,2  $f(x,y) = \frac{1}{2}(1+x)y^2$ X. = 0 y. = 1  $K_{1} = F(0,1) = \frac{1}{2}$  $K_2 = f(0,1; 1,05) = 0,606375$  $K_3 = f(0,2;1,14255) = 0,783252$  $y_1 = 1,123625$  $x_1 = 0, 2$  $x_1 = 0,2$   $y_1 = 1,123625$ K = f(0,2; 1,12362+) = 0,75752  $K_2 = f(0,3,1,199377) = 0,935028$ W3 = F(0,4; 1,346132) = 1,268451 Y2 = 1,315828  $X_2 = 0,4$ X2 = 0,4 Y2 = 1,375828 K,=f(0,4;1,315828)=1,211982 K2 = f(0,5; 1,437026) = 1,548783

K3= f(0,6;1,692945) = 2,29285 Y3 = 1,63 9160 X3 = 0,6 X3=0,6 X3=1,639160 K, = f(0,6, 1,639160) = 2,149977 K2 - +(0,7,1,854108) = 2,922058 K3 = f(0,8;2,378088) = 5,089771 Y4 = 2,270076 X4 = 0,8  $x_4 = 0.8$   $y_4 = 2,270076$  $K_1 = f(0,8,2,270076) = 4,637921$  $K_2 = f(0,9;2,733868) = 7,100333$ K3 = f(1,4,182628) = 17,4943510 ys=3,954529 Vs = 3,954529 1,123625 0,2 0,4 11,315828 0,6 1,639160 0,8 12,270076 1 3, 95 45 29