herrier Jouan 96/ \$(x) = Bo+13, x+B2x2 (# 2 1 (y (i) - Bo - B, x (i) - B2(x))

RSS(13) = 16 4 - 5 BO B(1) Br Rechagento raumen min Pr 55(13) 1855(B) = 0 i = 0,2 1 Bei 9(2) 1885(\$3) = 16-5-B0-131-B2,3=0 JRSS(B) = \(\frac{2}{2} - \chi(\) \(\frac{1}{9} \) \(\frac{1}{30} - \beta_1 \cdot \) \(\frac{1}{30} - \beta_2 \cdot \ 2 B1 =-2+130+3131+2B2=0) RSS(13) = \frac{2}{2} - \tau(i) \left(y(i) - \beta_0 - \beta_1 \tau(i) \right) = \frac{2}{3} \tau(i) \left(y(i) - \beta_0 - \beta_1 \tau(i) \right) = \frac{2}{3} \tau(i) \right) = \frac{2}{3} \tau(i) \left(y(i) - \beta_0 - \beta_0 - \beta_1 \tau(i) \right) = \frac{2}{3} \tau(i) \right) = \frac{2}{3} \tau(i) \left(y(i) - \beta_0 - \beta_0 - \beta_1 \tau(i) \right) = \frac{2}{3} \tau(i) \right) = \frac{2}{3} \tau(i) \left(y(i) - \beta_0 - \beta_0 - \beta_0 - \beta_0 - \beta_1 \tau(i) \right) = \frac{2}{3} \tau(i) \left(y(i) - \beta_0 = -14. - 3 30 + 137 +3132 = 0 1-5B0-131-3B2 = -16 B9+3B1+2B2=2 (-3B9+131+3B2=14

 $\begin{bmatrix} -3 \\ 2 \\ B_1 \end{bmatrix} = \begin{bmatrix} -16 \\ 2 \\ 14 \end{bmatrix}$ $\begin{bmatrix} 4 \\ -6 \\ 2 \\ 2 \end{bmatrix}$ $\begin{bmatrix} 2 \\ 7 \\ 2 \end{bmatrix}$ 14 110 4 - 14.9

2 - 9.3

10 -36 9 1-4 94 74 Onben: g(2) = 1 - 94 px + 35 x2

FN+FP 0 0,66 9, 75 0,81 9(20) 10,09 0,1 0,5 6, 23 0,11 ROC hpubea 0,25 AU(=0,1.0,15+0,6.0,5+0,2.0,2 = 0,05 + 0,5 + 0,05 = 0,4.

1 f(2) = I (g(2) 2-9,5). Y=04 1 7=173 FPR = 1; FNR = FN = 7 TNR = 4 TPR = TP = 3 FN+TP = 4 PPV = TP = 3 . FP+TP 4 accerancy = 9 evroy = 74.9. $f = 2 \cdot (\frac{3}{4}, \frac{3}{4}) (\frac{3}{4} + \frac{3}{4}) = \frac{9}{8} \cdot \frac{9}{6} = \frac{3}{16}$