Rochnung zur Seite 87 vom Skript $G(x,s) \geq \left\{\frac{y_1(x)y_2(s)}{w(s)}, x \leq s\right\}$ $\frac{y_1(s)y_2(x)}{w(s)}, x \geq s$ 2G (st, s) = lim 2G (x, s) = lim 41(s)42(x) = 41(s)42(x)

$$\frac{\partial G}{\partial x}(S^{+},S) - \frac{\partial G}{\partial y}(S^{-},x) = \frac{(S)(S)(S)(S)}{(S)(S)} = \frac{W(S)}{W(S)} = \frac{1}{W(S)}$$

$$\begin{array}{l} R_{1} : C^{1}(C_{1},b_{1}) \longrightarrow R \text{ einouse } & bbildungen (C_{0},b) = C_{0},0) \\ \hline R_{1} y = y(0), & R_{2} y = y(1), \\ \hline F S = (Z_{1},Z_{2}); & Z_{1}(x) = conv, Z_{2}(4) = Sin x \\ \hline R_{1}Z_{1} = Z_{1}(0) = con0 = 1., & R_{1}Z_{2} = Z_{2}(0) = Sin 0 = 0 \\ \hline R_{2}Z_{1} = Z_{1}(1) = con1, & R_{2}Z_{2} = Z_{2}(1) = Sin 1. \\ \hline (con0 Sin 0) = (1 0); & dexic 1.Sin 1 \\ \hline (con1 Sin 1) = (con1 Sin 1), & -0.con1 \\ \hline = Sin 1 \neq 0 \\ \hline \hline R_{1}y = 0; & y(0) = y(1) = 0. \end{array}$$

Rechungen Frem Beispill 160 R,y=

1.y(0)+0.y'(0) = 1. y(1) + 0. y'/1)

det (R; 2k) \$0

