$\frac{\partial_{y} \gamma_{1}(n, 9)}{\partial x_{1} \gamma_{2}(n, 9)} = \frac{1}{4} \left[S(x-1)(y-1) + d(x-2)(y+1) + d(x+2)(y-2) \right]$ $\frac{\partial_{y} \gamma_{2}(n, 9)}{\partial x_{1} \gamma_{2}(n, 9)} = \frac{1}{4} \left[S(x-1)S(y) + d(y-1)S(x) + d(x+2)(y-2) \right]$

 $\frac{\partial f}{\partial x_1(x_1)} = \int_{-\infty}^{+\infty} \int_{-\infty}^{+\infty} f_{x_1}(x_1, y_1) dy = \frac{1}{4} \left[\int_{-\infty}^{+\infty} f(x_1, y_1) + \int_{-\infty}^{+\infty} f(x_1, y_1) dy + \int_{-\infty}^{+\infty} f(x_1, y_1) dx + \int_{-\infty}^{+\infty} f(x_1, y_1) d$

dru(m) = 2 dr-1) + 2 dig+1)

(m) = 2 dig-1) + 2dig-2)

Jan(n). 1/2 (y) = 4 d(x-1) d(y-1) + 4 d(x-1) f(y-1) + 4 d(y-1) f(y-1) + 4 d(y-1) f(y-1) - 4 d(y-1) f(y-1)

 $\frac{\partial_{x_{0}}(x)}{\partial x_{0}} = \int_{00}^{+\infty} \frac{\partial_{x_{0}}(x_{0})}{\partial y_{0}} dy = \frac{1}{4} \left[\int_{0}^{+\infty} (x_{0} - 1) + \int_{0}^{+\infty}$

 $\frac{1}{2} \int_{0}^{1} \int_{0}$

 $f_{12}(x) \cdot J_{12}(y) = \frac{1}{16} \int_{0}^{1} f(x-1) f(y-1) + \frac{1}{16} \int_{0}^{1} f(x-1) f(y-2) + \cdots$

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$$C_{xy} = \frac{C_{xy}}{G_{x}G_{y}}$$

stochustische unabhängigbus

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E(xaxa) = 0 (mindiating eine =>

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c)
$$F_{M_1}(0,-0,5) = 1(x \ge 0.6, \% \le -0.5)$$

= $2(x = -1, \% = -1) = \frac{4}{5}$

$$= 2(x = -1) = -1) = \frac{2}{6}$$

=
$$1(x=0, Y=-1)=\frac{1}{4}$$

=
$$\Omega(x=0, y=-1) + \Omega(x=-2, y=0)$$

$$=\frac{1}{4}+\frac{1}{4}=\frac{1}{2}$$

$$= \int_{-0}^{-1} \frac{1}{4} d\Omega_{+1} dx + \int_{-4}^{2} d\Omega_{-1} dx + \int_{-4}^{2} d\Omega_{-1$$