Deriving Implicit from Inverse

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 $F(x,y) = 0 \quad \text{solve} \quad f(x,y) = 0 \quad \text{(m solve } g(x) - y = 0$ F(x,y) - F(x,b) = -F(x,b) $\chi = \chi_0$ $F(x,y) = \circ \qquad G(\frac{x}{y}) = \begin{pmatrix} x \\ F(x,y) \end{pmatrix}$ $x = x_{o}$ solve $G(\frac{x}{y}) = \binom{x_{o}}{o}$ near $G(\frac{a}{b}) = \binom{a}{c}$ $\mathsf{D}\mathsf{G} = \begin{pmatrix} \mathsf{I} & \mathsf{O} \\ \mathsf{P}\mathsf{F} & \mathsf{P}\mathsf{F} \\ \mathsf{P}\mathsf{F} & \mathsf{P}\mathsf{F} \end{pmatrix}$