Deriving Implicit from Inverse

Given $f(u, b)=0$ solve $f\left(\underset{\eta}{x}, y_{k}\right)=0$ kun solve $g(x)-y=0$

$$
\begin{aligned}
f(x, y)-f(x, b) & =-f(x, b) \\
x & =x_{0}
\end{aligned}
$$

$$
\begin{array}{cc}
f(x, y)=0 & G\binom{x}{y}=\binom{x}{f(x, y)} \\
x=x_{0} & \text { solve } G\binom{x}{y}=\binom{x_{0}}{0} \quad \text { near } \quad G\binom{a}{b}=\binom{a}{0} \\
D G=\binom{\frac{I}{\frac{\partial f}{\partial x}} \frac{0}{\partial f}}{\hline y} &
\end{array}
$$

