$$\begin{cases} x(u) = \dfrac{a+u}{a-u} \\ y(u) = \dfrac{b+u}{b-u} \end{cases} \qquad \begin{cases} x(u) = \dfrac{a+u}{a-u} \\[2mm] y(u) = \dfrac{b+u}{b-u} \end{cases}$$