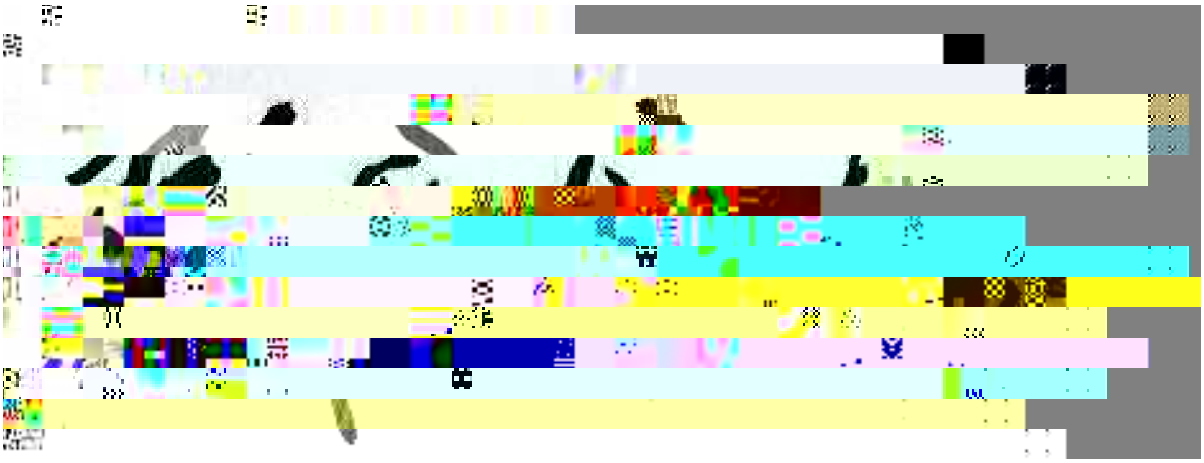

$$\top \to \leftrightarrow \amalg \quad \amalg \quad \amalg \leftrightarrow \dashv \quad \lrcorner \leftrightarrow \neq \rfloor$$

$$\amalg \quad \amalg \quad \top \to \leftrightarrow \top$$