

UNION f

$$\overrightarrow{X(t)} \circ \longrightarrow \boxed{f} \longrightarrow \circ f(\overrightarrow{X(t)})$$

$$\overrightarrow{Y(t)} \circ \longrightarrow \boxed{g} \longrightarrow \circ g(\overrightarrow{Y(t)})$$