

$$R_1 = \uparrow a \cdot \uparrow b = 0 \quad \forall t$$

$$R_2 = \uparrow a \cdot \uparrow(a \cdot b) \neq 0$$

$$R_3 = \uparrow(a \cdot b) \cdot \uparrow(a \cdot c) \neq 0$$

$$R_4 = \uparrow b \cdot \uparrow(a \cdot c)$$

