$$V_1, V_2, U$$
 subspace of  $V$ 
 $V_1 + U = V_2 + U = V_1 = V_2$ 

Let  $V_1 = \{(x,0) \in \mathbb{F}^2 : x \in \mathbb{F}^3\}$ 
 $V_2 = \{(0,y) \in \mathbb{F}^2 : y \in \mathbb{F}^3\}$ 
 $U = \{(a,a) \in \mathbb{F}^2 : x \in \mathbb{F}^3\}$ 
 $V_1 + U = \{(x+a,a) \in \mathbb{F}^2 : x \in \mathbb{F}^3\} = \mathbb{F}^3$ 
 $V_2 + U = \{(a,y+a) \in \mathbb{F}^2 : y \in \mathbb{F}^3\} = \mathbb{F}^3$