But
$$U \cap U = \{0\} = \}$$
 $U = U' = 0$.

 $U' = \sum_{i=1}^{m} \alpha_{i} U_{i} = 0$, $\{U_{i}\} \text{ is a books} = \} \alpha_{i}...\alpha_{m} = 0$
 $U' = \sum_{i=1}^{m} \beta_{i} U_{i} = 0$, $\{U_{i}\} \text{ is a books} = \} \text{ bi ... } \text{ bn} = 0$
 $U' = \sum_{i=1}^{m} \beta_{i} U_{i} + \sum_{i=1}^{m} \beta_{i} U_{i} = 0$ (=) $\alpha_{i} = ... = \beta_{m} = ... = \beta_{m} = ... = \beta_{m} = 0$
 $U' = \sum_{i=1}^{m} \alpha_{i} U_{i} + \sum_{i=1}^{m} \beta_{i} U_{i} = 0$ (=) $\alpha_{i} = ... = \alpha_{m} = \beta_{m} = ... = \beta_{m} = 0$
 $U' = \sum_{i=1}^{m} \alpha_{i} U_{i} + \sum_{i=1}^{m} \beta_{i} U_{i} = 0$ (=) $\alpha_{i} = ... = \alpha_{m} = \beta_{m} = ... = \beta_{m} = 0$
 $U' = \sum_{i=1}^{m} \alpha_{i} U_{i} + \sum_{i=1}^{m} \beta_{i} U_{i} = 0$ (=) $\alpha_{i} = ... = \alpha_{m} = \beta_{m} = ... = \beta_{m} = 0$
 $U' = \sum_{i=1}^{m} \alpha_{i} U_{i} + \sum_{i=1}^{m} \beta_{i} U_{i} = 0$ (1), $(1) = \sum_{i=1}^{m} u_{i} U_{i} = \sum_{i=1}^{m} u_{i} U_{i} = 0$ (1), $(1) = \sum_{i=1}^{m} u_{i} U_{i} = \sum_{i=1}^{m} u_{i} U_{i} = 0$ (1), $(1) = \sum_{i=1}^{m} u_{i} U_{i} = \sum_{i=1}^{m} u_{i} U_{i} = 0$ (1), $(1) = \sum_{i=1}^{m} u_{i} U_{i} = \sum_{i=1}^{m} u_{i} U_{i} = 0$ (1), $(1) = \sum_{i=1}^{m} u_{i} = 0$ (1), $(1) = \sum_{i=1}^{m} u_{i} = 0$ (1), $(1) = \sum_{i=1}^{m} u_{i} =$