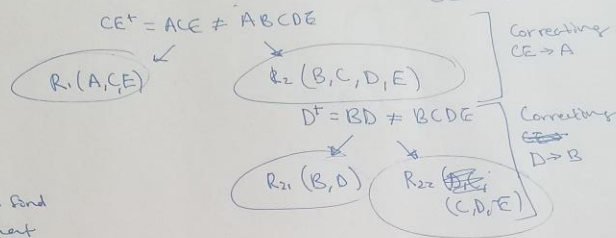


Q3 Decompose  $R(A, B, C, D, E)$

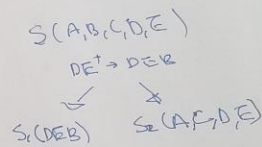
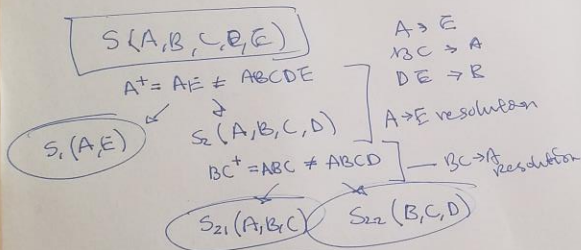
$D \rightarrow B$   
 $CE \rightarrow A$



We want to find  
 $X$  such that  
 $X \not\subseteq X^+ \subseteq [\text{all attributes}]$

Final tables

$R_1(A, C, E), R_{21}(B, D), R_{22}(C, D, E)$



Solution  
 $S_1(A, E), S_2(ABC), S_3(B, C, D)$