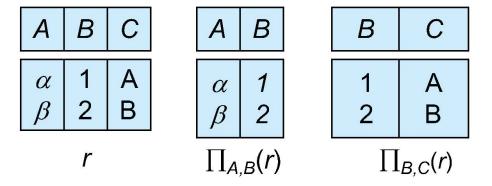


## **Example of Lossless Decomposition**

Decomposition of R = (A, B, C)

$$R_1 = (A, B)$$
  $R_2 = (B, C)$ 



$$\Pi_{A}(r) \bowtie \Pi_{B}(r) \qquad A \qquad B \qquad C \\
\boxed{\alpha \qquad 1 \quad A \\
\beta \qquad 2 \quad B}$$