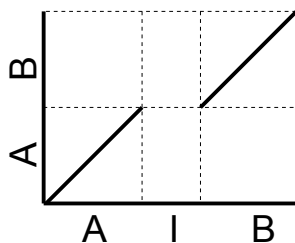


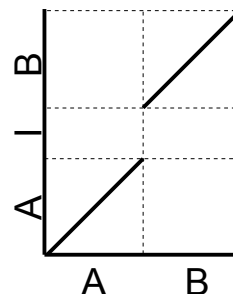
Insertion into Reference

R: AIB
Q: AB



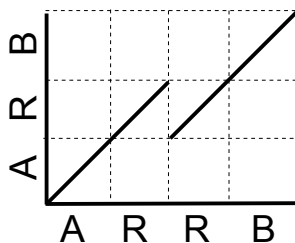
Insertion into Query

R: AB
Q: AIB



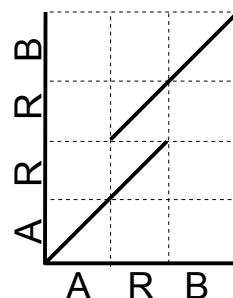
Collapse Query

R: ARRB
Q: ARB



Collapse Reference

R: ARB
Q: ARRB

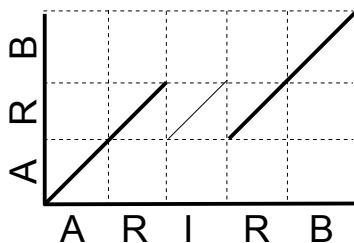


Collapse Query

w/ $Q \wedge \{a\}$

R: ARIRB
Q: ARB

Tandem
 $\{a\} | \{a\}$ if $I=R$

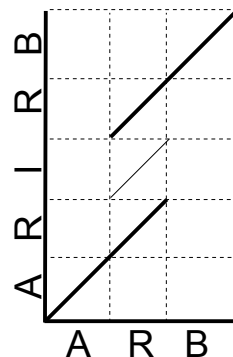


Collapse Reference

w/ $Q \wedge \{a\}$

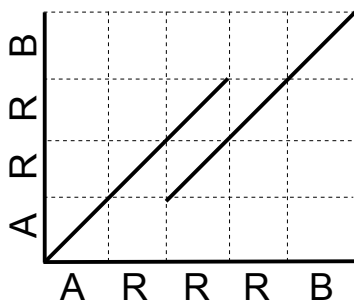
R: ARB
Q: ARIRB

Tandem
 $\{a\} | \{a\}$ if $I=R$



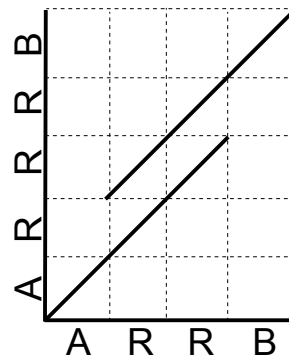
Collapse Query

R: ARRRB
Q: ARRB



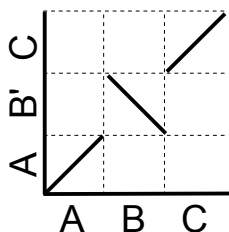
Collapse Reference

R: ARRB
Q: ARRRB



Inversion

R: ABC
Q: AB'C



Rearrangement

w/ Disagreement

R: ABCDE
Q: AFCBE

