

3.3)

$$\{AC\}^+ \{AC\}^+ = AC$$

$$+AB \rightarrow D \Rightarrow \{AC\}^+ = AC$$

$$+A \rightarrow G \Rightarrow \{AC\}^+ = ACG$$

$$+C \rightarrow E \Rightarrow \{AC\}^+ = ACGE$$

$$+GE \rightarrow B \Rightarrow \{AC\}^+ = ACGEB$$

3.4)

$$\{D\}^+ = D \quad \{DE\}^+ = DE$$

$$\{BE\}^+ = BE \quad \{CG\}^+ = CG$$

$$+AB \rightarrow C \Rightarrow \{D\}^+ = D$$

$$\{BE\}^+ = BE$$

$$\{DE\}^+ = DE$$

$$\{CG\}^+ = CG$$

$$+D \rightarrow EG \Rightarrow \{D\}^+ = DEG$$

$$\{BE\}^+ = BE$$

$$\{DE\}^+ = DEG$$

$$\{CG\}^+ = CG$$

$$+ACD \rightarrow B \Rightarrow \{D\}^+ = DEG$$

$$\{BE\}^+ = BE$$

$$\{DE\}^+ = DEG$$

$$\{CG\}^+ = CG$$

$$+C \rightarrow A \Rightarrow \{D\}^+ = DEG$$

$$\{BE\}^+ = BE$$

$$\{DE\}^+ = DEG$$

$$\{CG\}^+ = CGA$$

$$+BE \rightarrow C \Rightarrow \{D\}^+ = DEG$$

$$\{BE\}^+ = BEC$$

$$\{DE\}^+ = DEG$$

$$\{CG\}^+ = CGA$$

$$+CE \rightarrow AG \Rightarrow \{D\}^+ = DEG$$

$$\{BE\}^+ = BECAG$$

$$\{DE\}^+ = DEG$$

$$\{CG\}^+ = CGA$$

$$+BC \rightarrow D \Rightarrow \{D\}^+ = DEG$$

$$\{BE\}^+ = BECAGD$$

$$\{DE\}^+ = DEG$$

$$\{CG\}^+ = CGA$$



$$\vdash CG \rightarrow BD \Rightarrow \{D\}^+ = DE G$$

$$\{BE\}^+ = BE C A G D$$

$$\{DE\}^+ = DE G$$

$$\{CG\}^+ = CG A B D$$

$$\vdash G \rightarrow H \Rightarrow \{D\}^+ = DE G H$$

$$\{BE\}^+ = BE C A G D H$$

$$\{DE\}^+ = DE G H$$

$$\{CG\}^+ = CG A B D H$$