$$\mathbf{SSP}(G) \qquad \mathbf{SSP}(G*F_2) \qquad \mathbf{AGP}(G*H) \longrightarrow \begin{cases} \mathbf{AGP}(G) \\ \mathbf{AGP}(H) \end{cases}$$

$$\mathbf{BKP}(G) \longrightarrow \mathbf{SSP}(G \times F_2) \qquad \text{if } \mathbf{KP}(G), \mathbf{KP}(H) \in \mathbf{P} \\ \mathbf{KP}(G*H) \longrightarrow \mathbf{BKP}(G*H) \end{cases}$$

$$\mathbf{BSMP}(G) \longrightarrow \mathbf{SSP}(G \times \mathbb{Z})$$