



Fig. 4.6. Six transformations preserving liveness, safeness, and boundedness.

1. Fusion of Series Places (FSP) as depicted in Fig. 4.6(a).
2. Fusion of Series Transitions (FST) as depicted in Fig. 4.6(b).
3. Fusion of Parallel Places (FPP) as depicted in Fig. 4.6(c).
4. Fusion of Parallel Transitions (FPT) as depicted in Fig. 4.6(d).
5. Elimination of Self-loop Places (ESP) as depicted in Fig. 4.6(e).
6. Elimination of Self-loop Transitions (EST) as depicted in Fig. 4.6(f).