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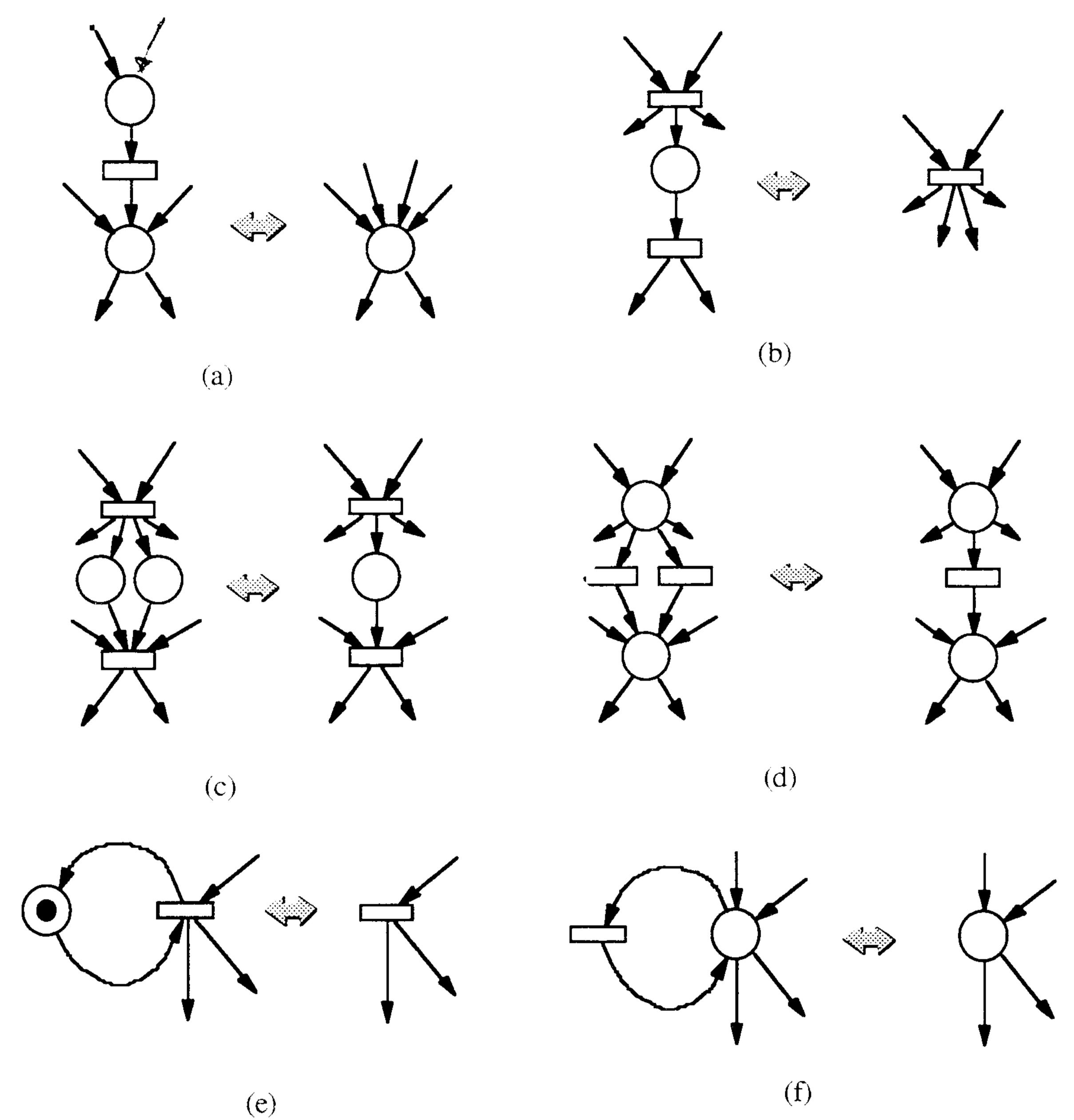


Fig. 4.6. Six transformations preserving liveness, safeness, and boundedness.

- 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).