```
(* feather, ladder, tennis racket, mouse trap *)
g5 = EG[VPB[6, σ_{5,2}, σ_{2,5}, σ_{5,6}, σ_{5,4}, σ̄_{4,3}, σ_{1,3}, σ̄_{4,6}, σ_{4,2}, σ̄_{4,6}, σ_{4,3}, σ̄_{6,1}, σ̄_{5,3},
    σ_{2,6}, σ_{4,5}, σ_{4,3}, σ̄_{2,5}], GraphLayout → Automatic];
g6 = EG[BR[3, {1, 2, 1, 2, 1, 2, 1, 2, 1, 2, 1, 2, 1, 2, 1, 2}], GraphLayout → Automatic];
g7 = EG[BR[3, {2, -1, -1, -1, -1, -1, -1, 2, 1, 1, 2, 2, 1, -2, 1, 1, 2, 1}]];
g8 = EG[BR[3, {2, -1, -1, -1, -1, -1, -1, -1, 2, -1, -1, -1, -1, -1, -1, -1, -1, -1}]];
```