Moves: S1, S2, S3, X12, **X23**, S3, X23, S1
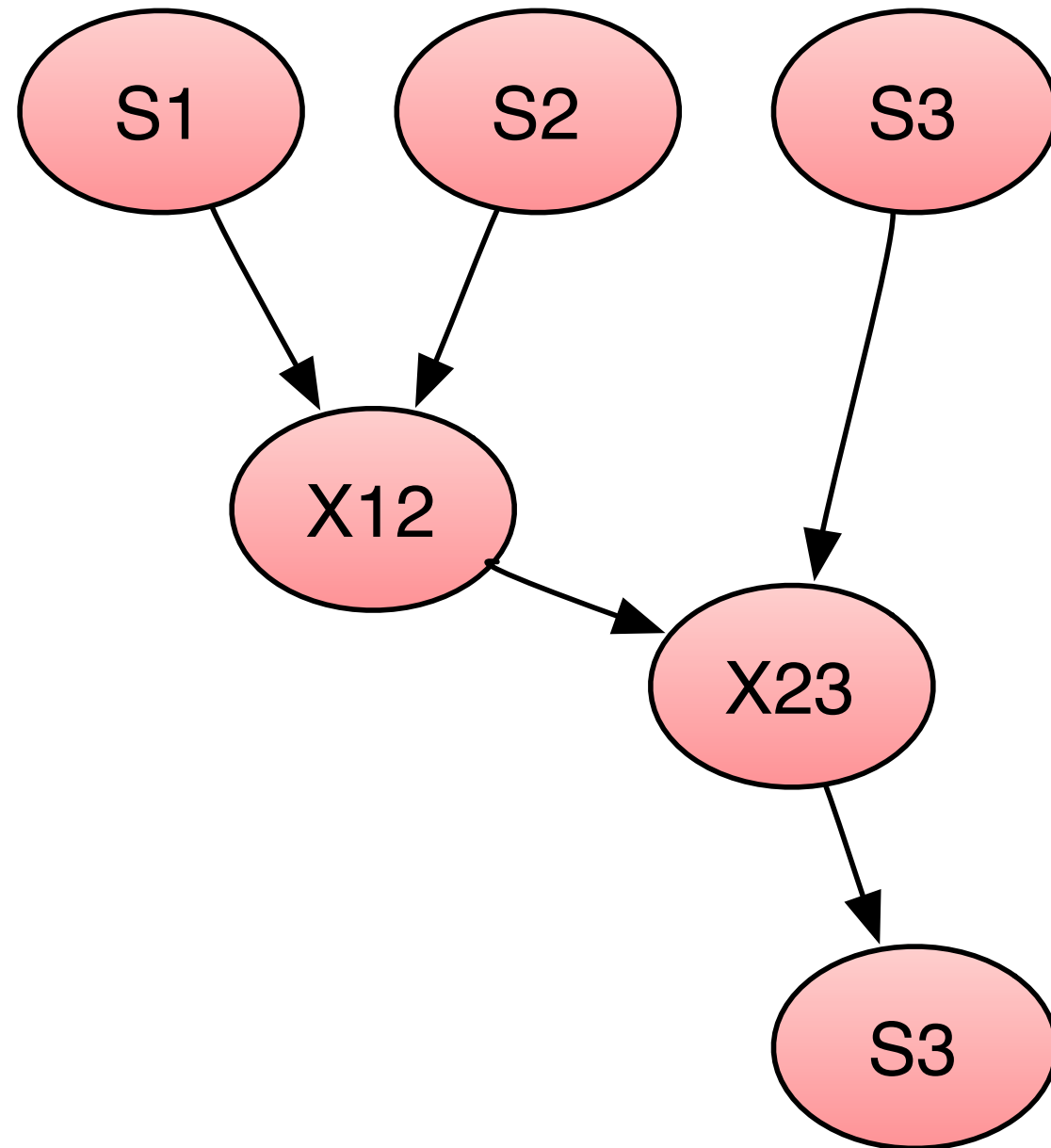
Moves: S1, S2, S3, X12, X23, **S3**, X23, S1