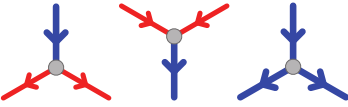

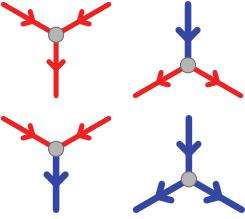

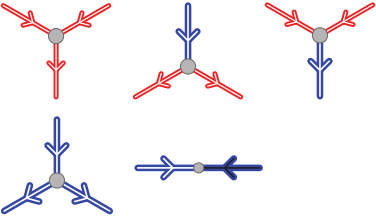
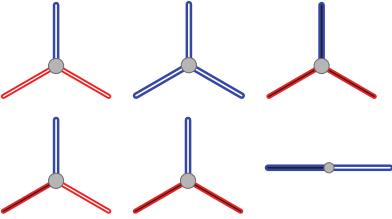


# Constraint-Logic Quick Reference

Constraint Logic	Complete for Class	Basis Vertices	Comments
Zero Player, Bounded (Bounded DCL)	<b>P</b>		Result does not hold for planar graphs.
Zero Player, Unbounded (DCL)	<b>PSPACE</b>		
One Player, Bounded (Bounded NCL)	<b>NP</b>		Constraint Graph Satisfiability is also NP-complete.
One Player, Unbounded (NCL)	<b>PSPACE</b>		<p>Remains PSPACE-complete when all ORs are protected.</p> <p>Configuration-to-configuration problem is also PSPACE-complete.</p>
Two Player, Bounded (Bounded 2CL)	<b>PSPACE</b>		
Two Player, Unbounded (2CL)	<b>EXPTIME</b>		
Team, Private, Bounded (Bounded TPCL)	<b>NEXPTIME</b>	see book	
Team, Private, Unbounded (TPCL)	<b>RE</b>	see book	$k$ edges may be reversed in one turn.