

[Istrail,
Schwartz,
King 1999]



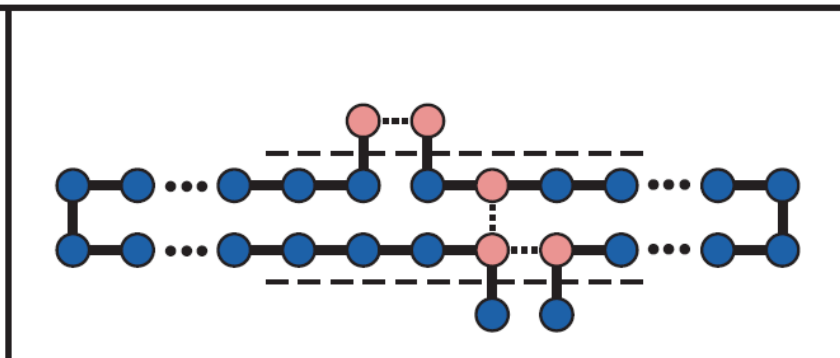
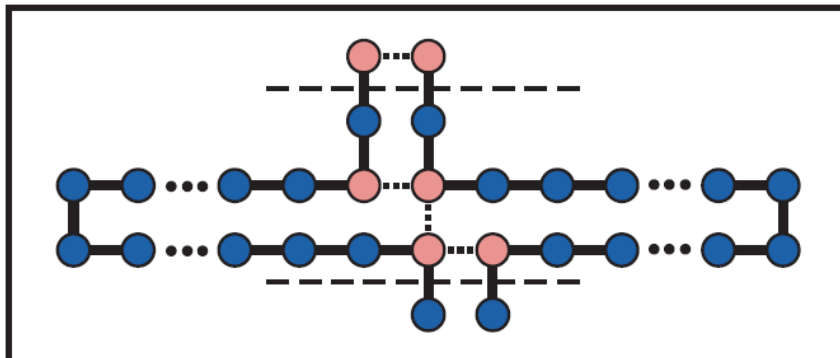
Counterclockwise chain

Length 1 to next even-parity H node

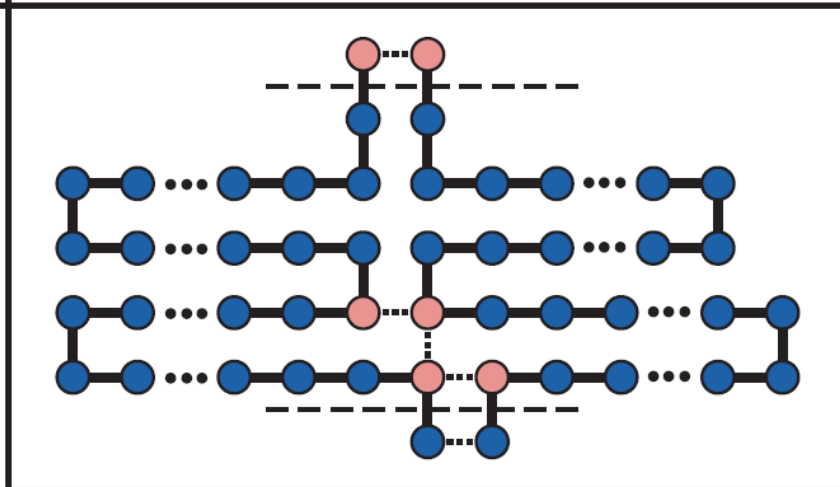
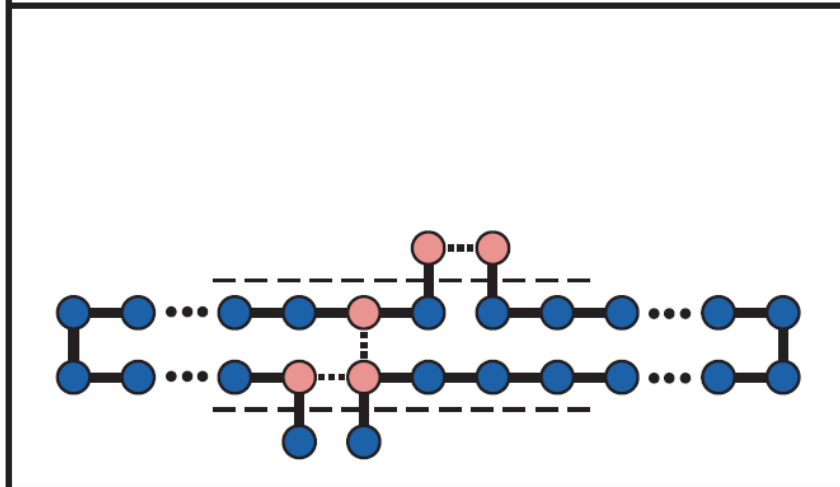
Length >1 to next even-parity H node

Clockwise chain

Length 1 to next
odd-parity H node



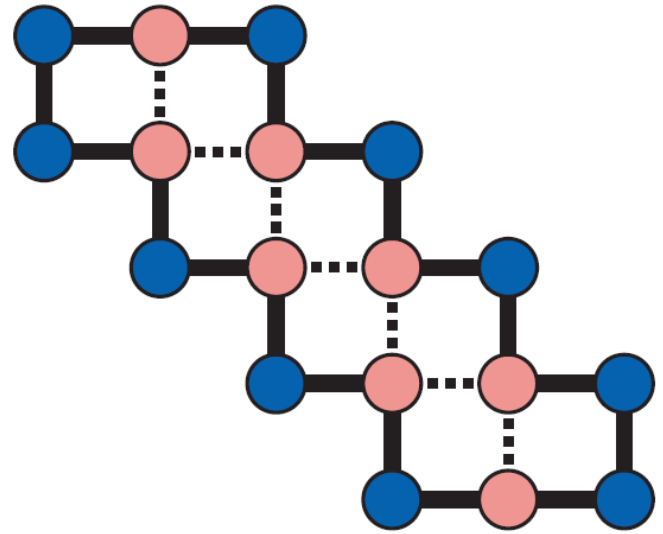
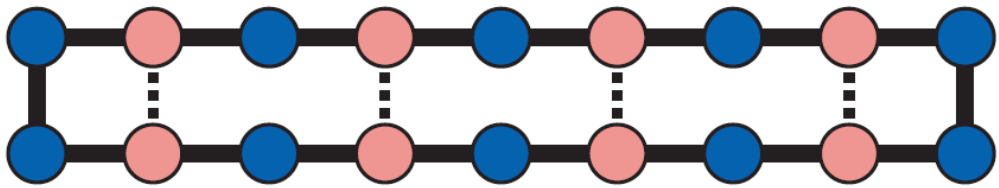
Length >1 to next
odd-parity H node





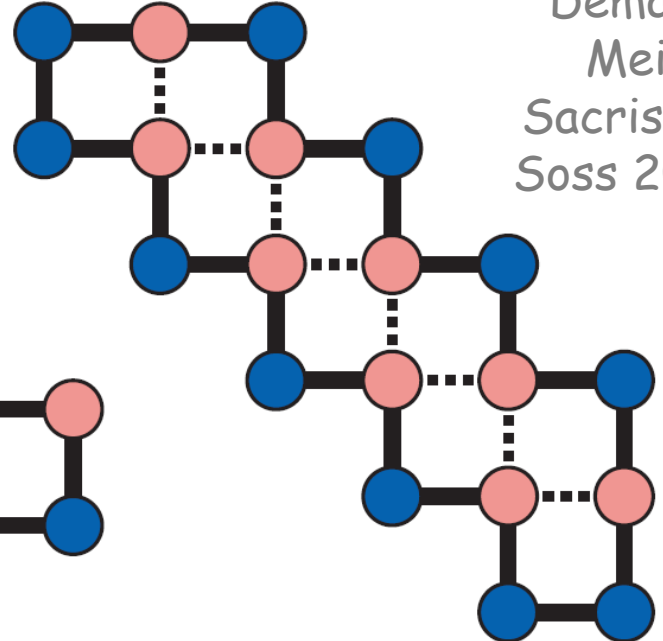
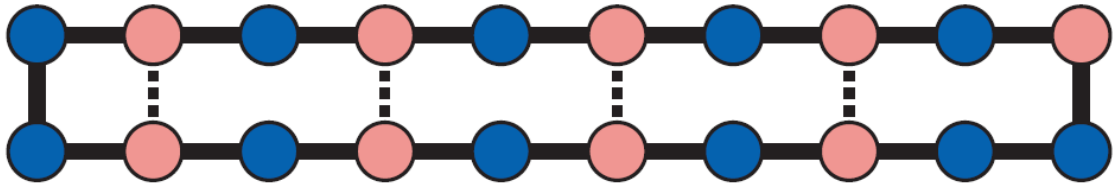
unique
optimal
folding

Length 18

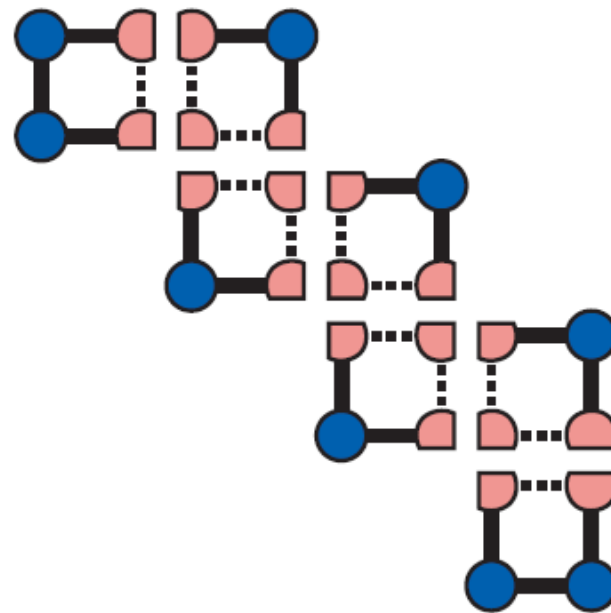
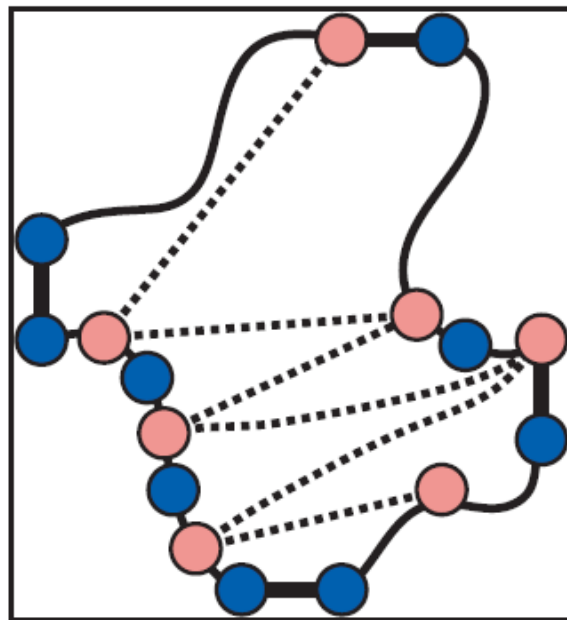
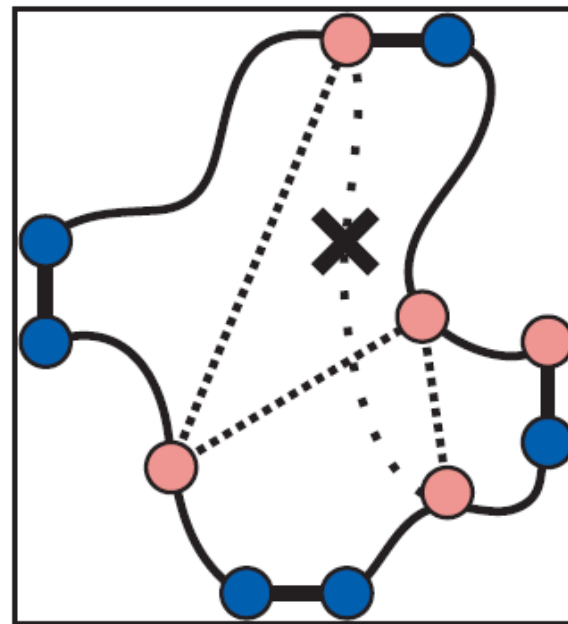
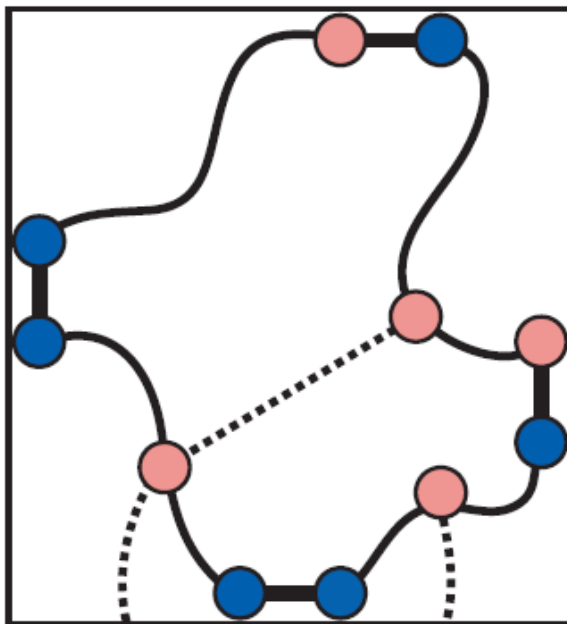


unique
optimal
folding

Length 20



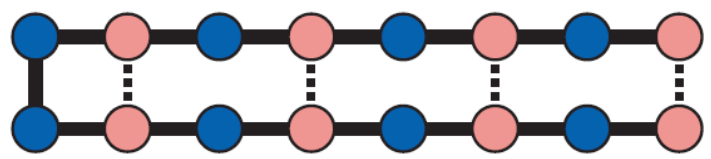
Aichholzer,
Bremner,
Demaine,
Meijer,
Sacristán,
Soss 2003



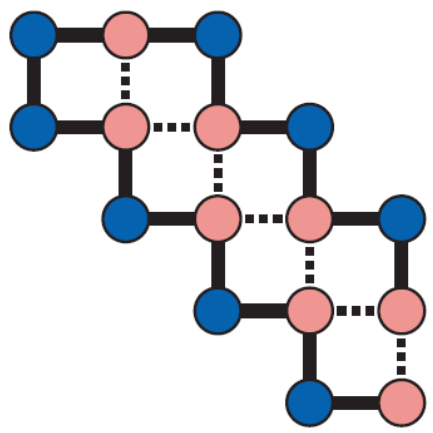
Aichholzer,
Bremner,
Demaine,
Meijer,
Sacristán,
Soss 2003



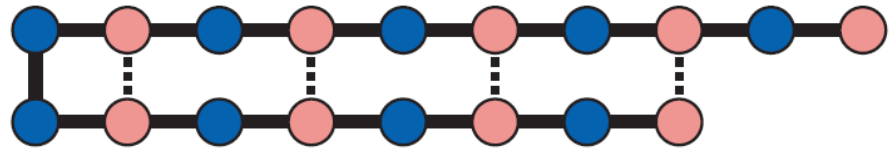
Length 16



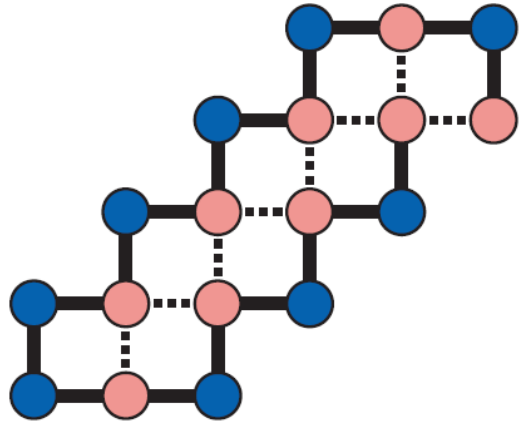
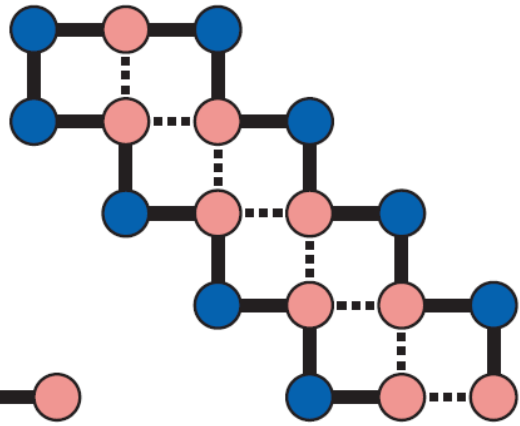
unique optimal folding



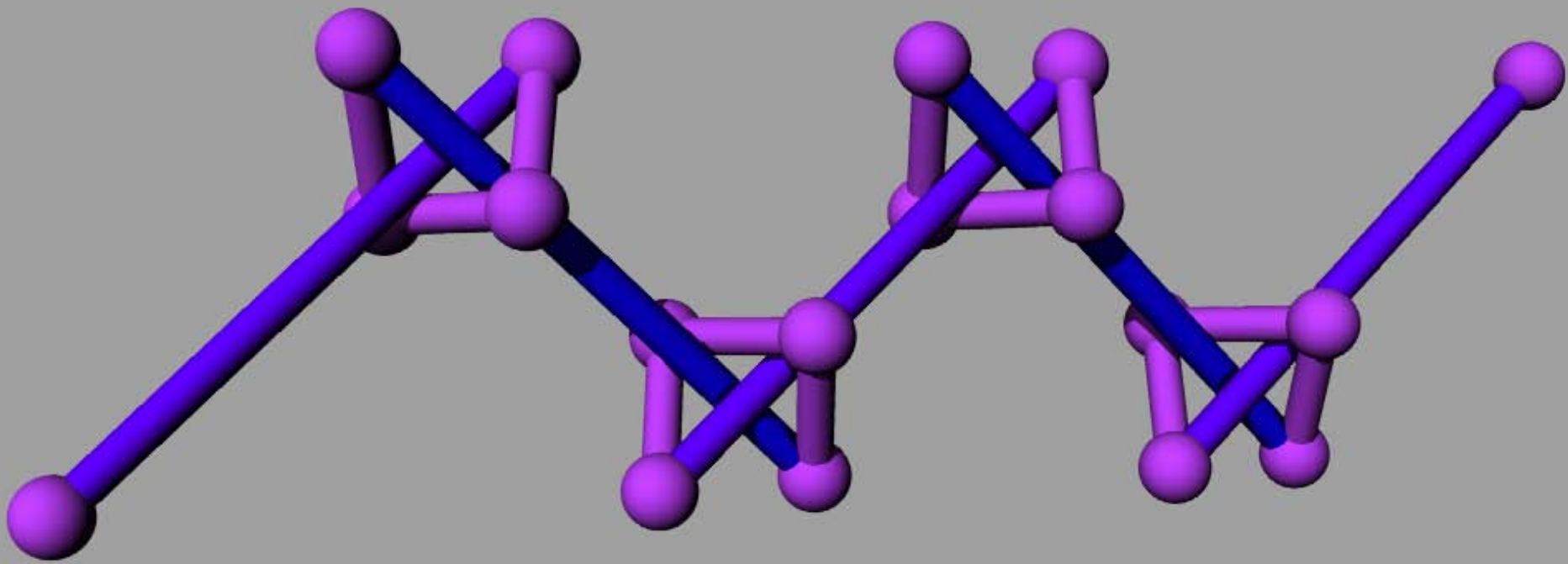
Length 18



two optimal foldings



Aichholzer,
Bremner,
Demaine,
Meijer,
Sacristán,
Soss 2003



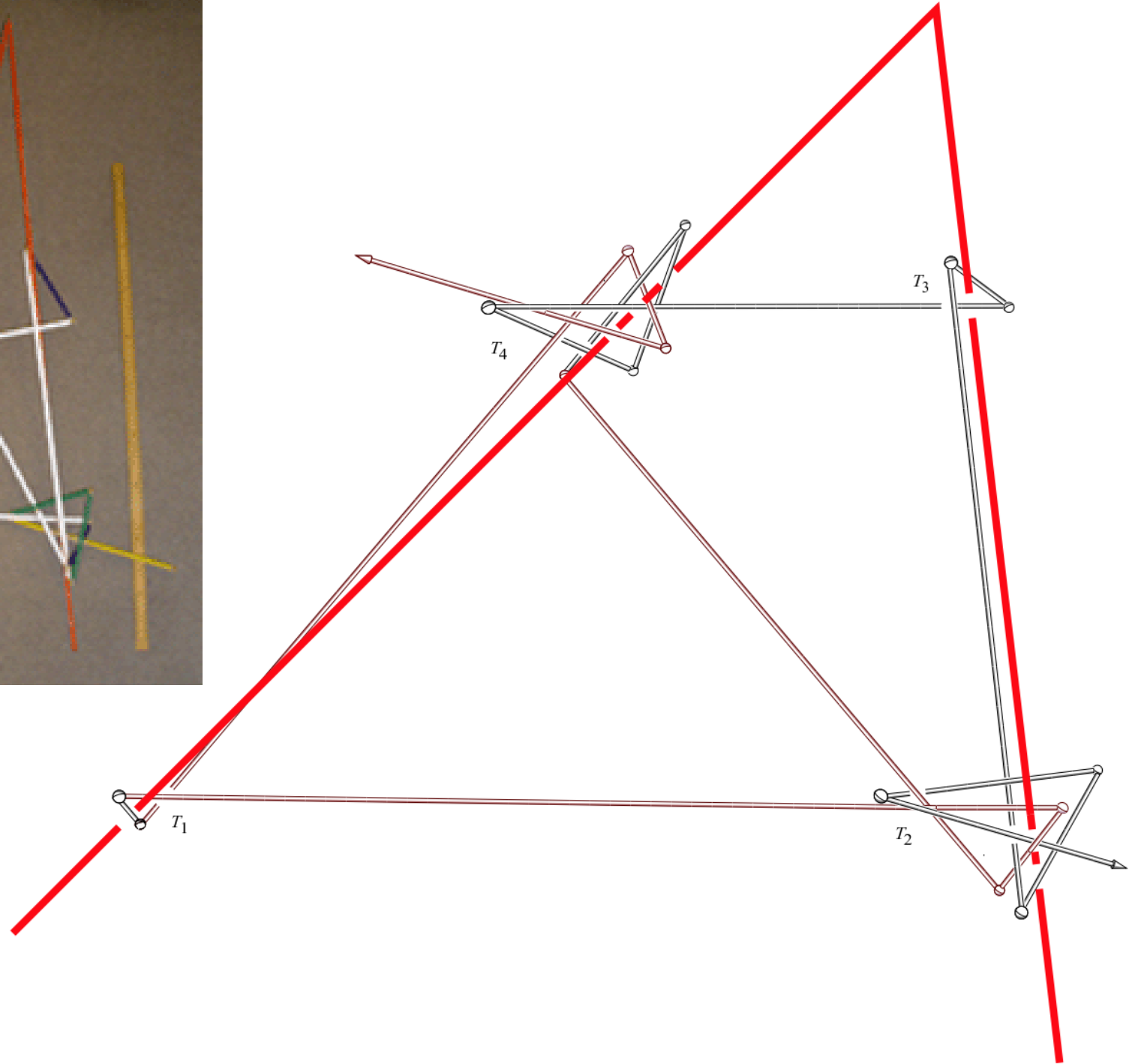
[Demaine, Langerman, O'Rourke, Snoeyink 2003]

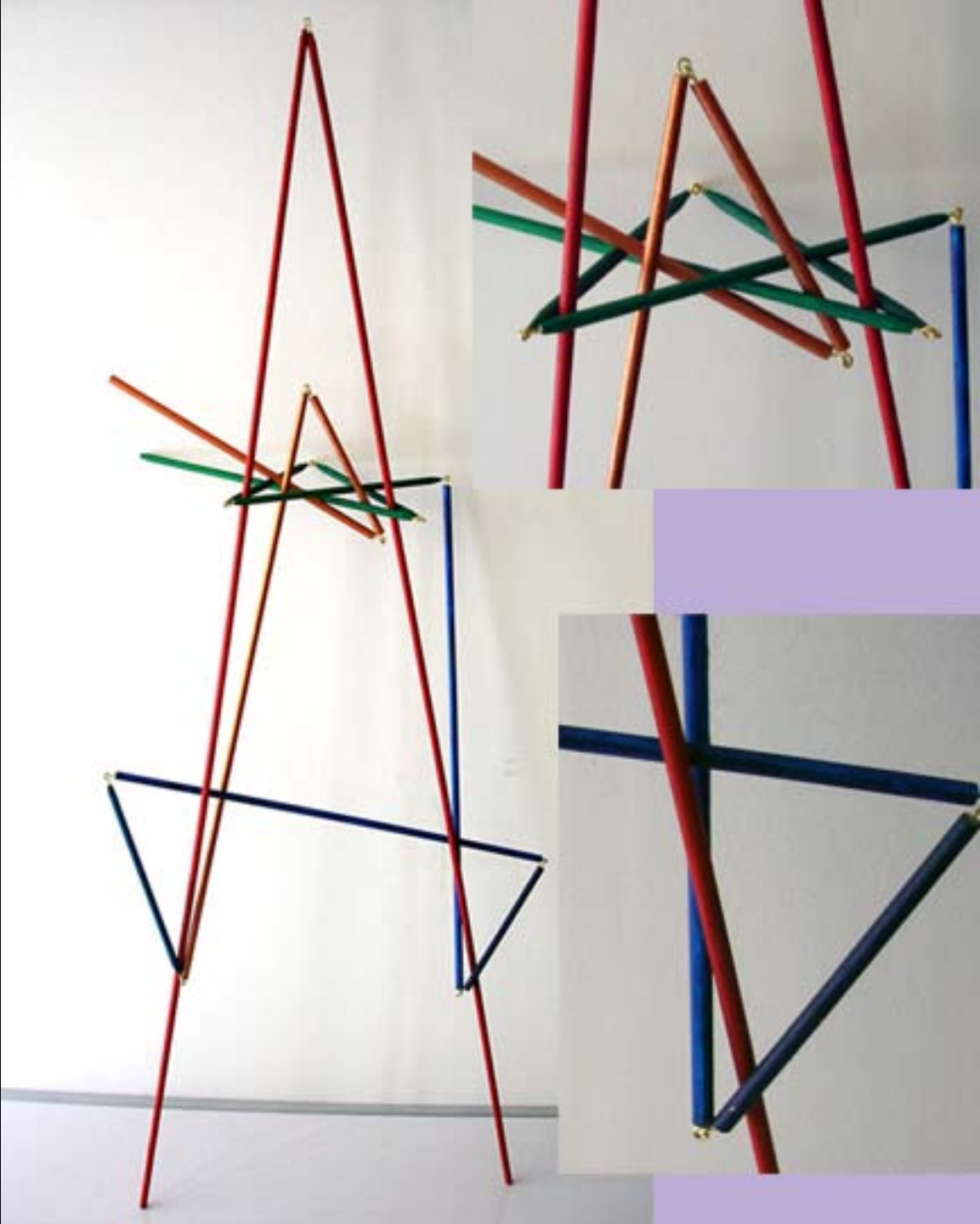


Brunet,
Irving,
O'Rourke
2004

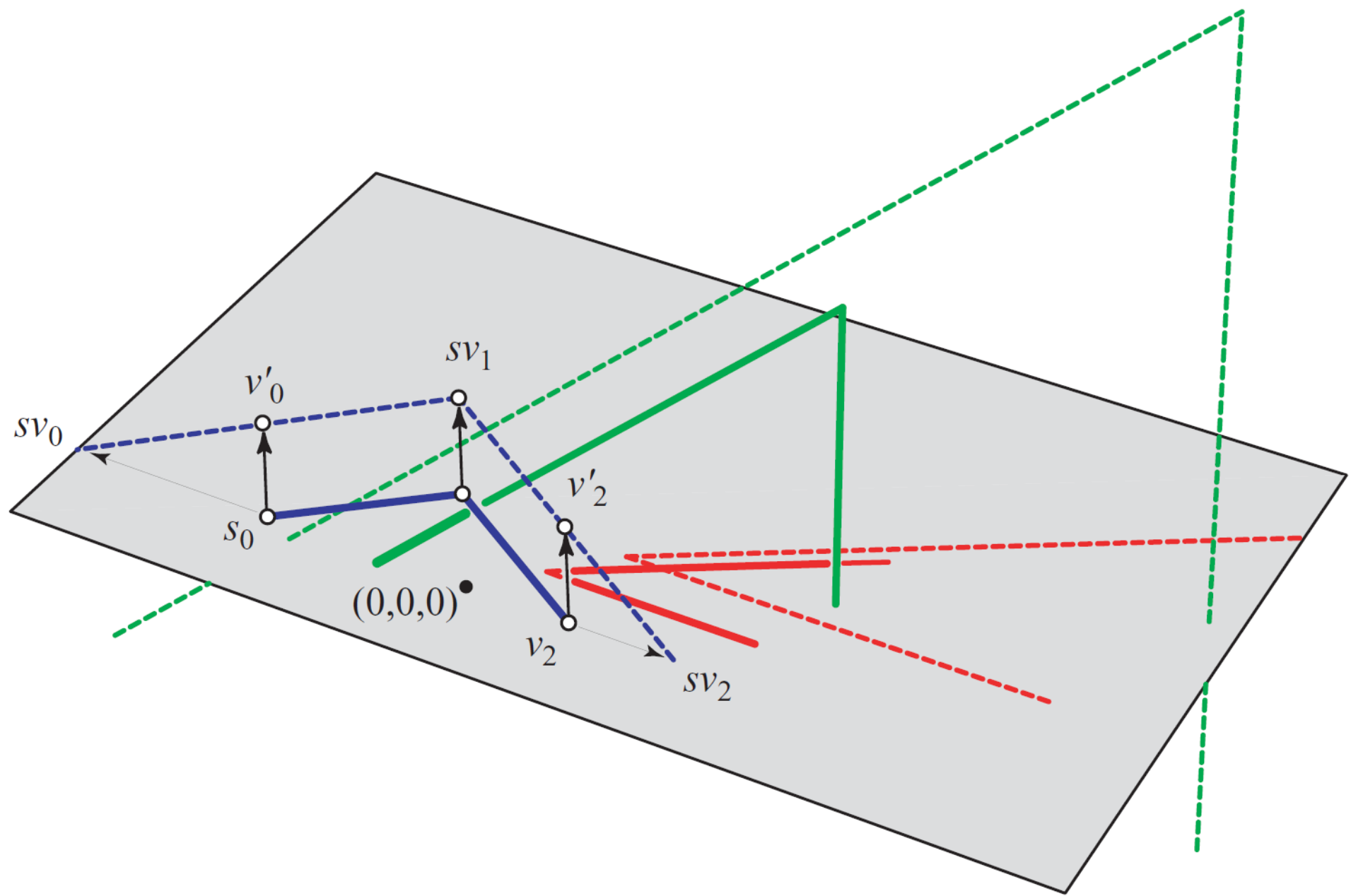


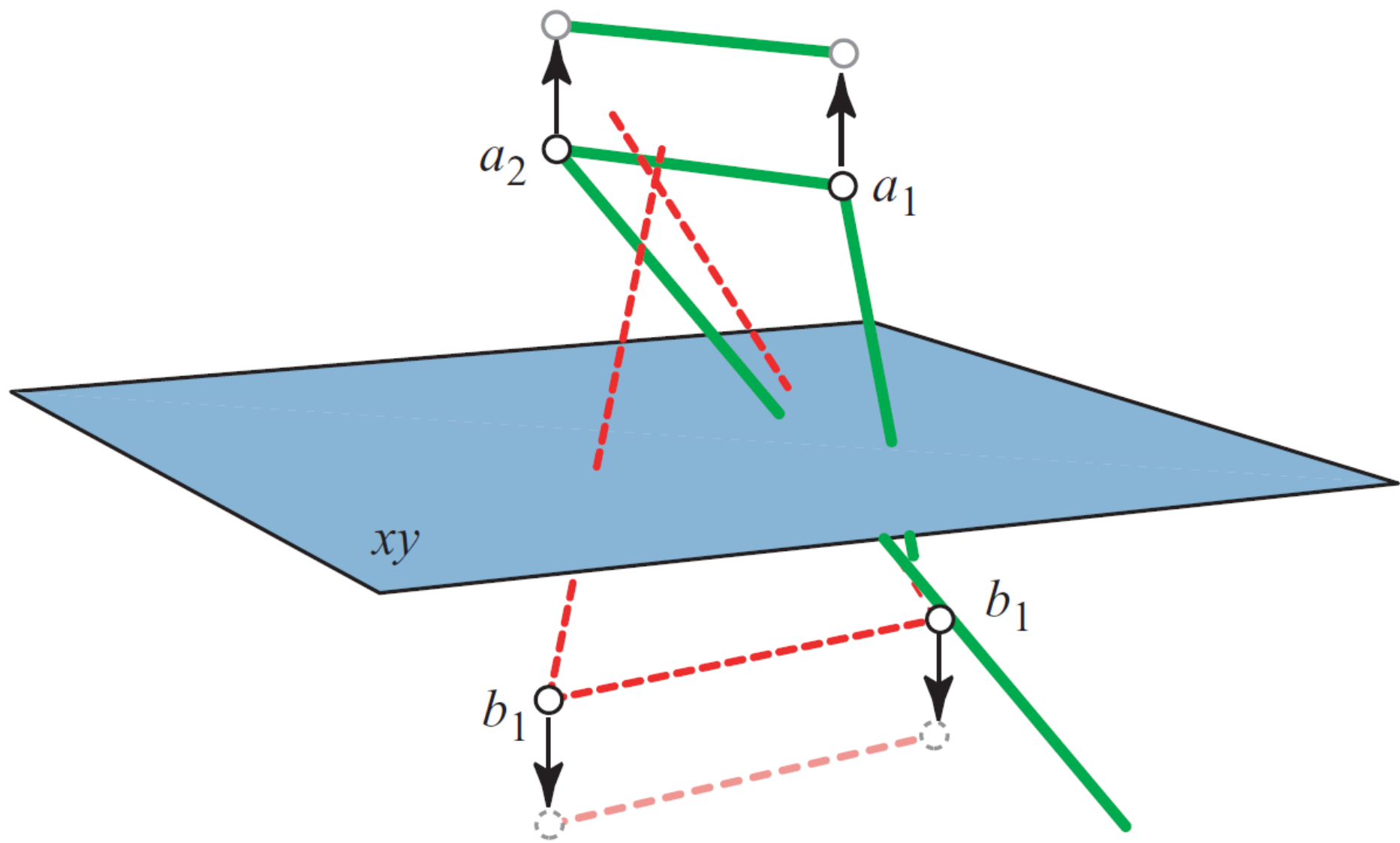
Glass,
Langerman,
O'Rourke,
Snoeyink,
Zhong 2004



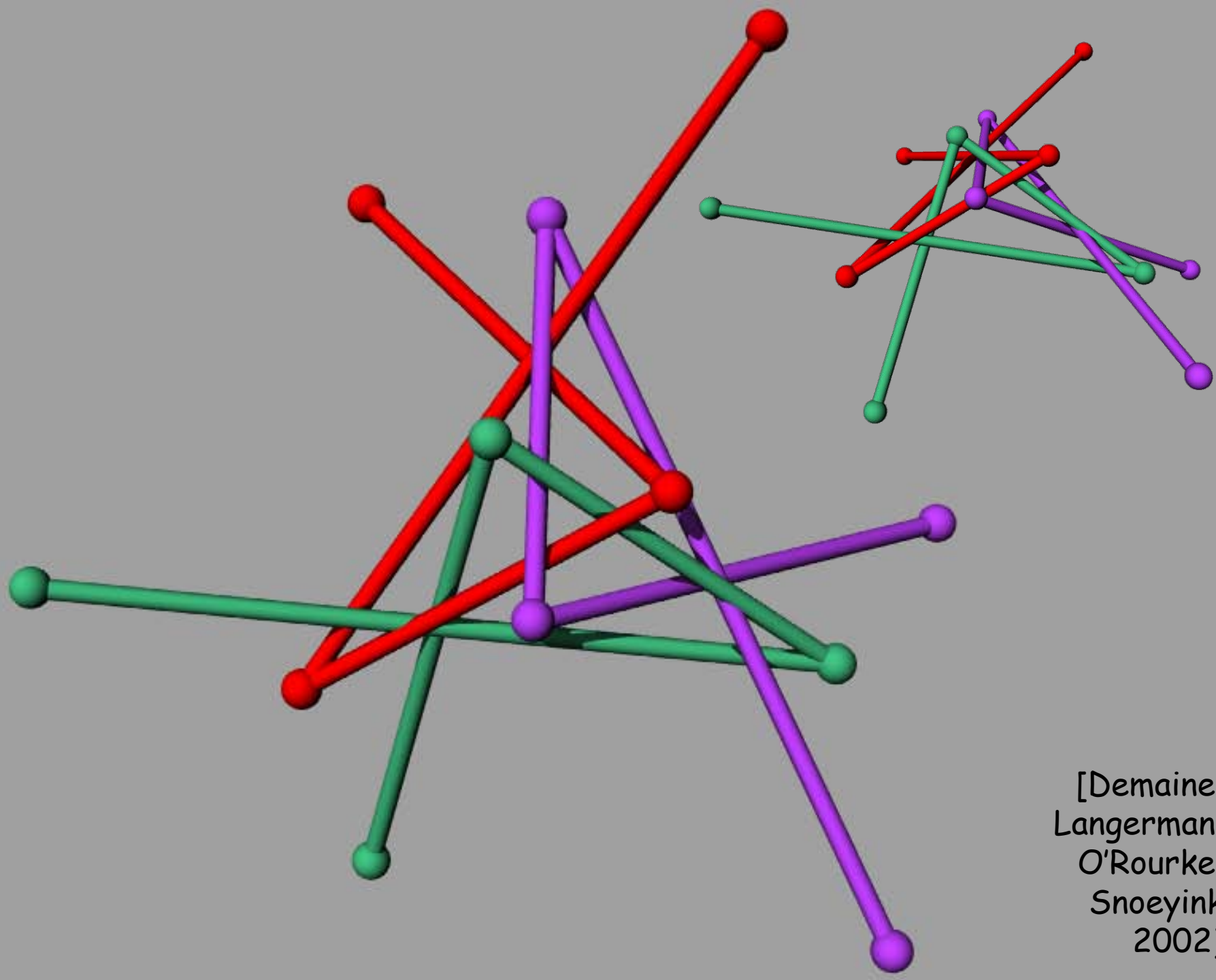


Glass, Lu,
O'Rourke,
Zhong 2006

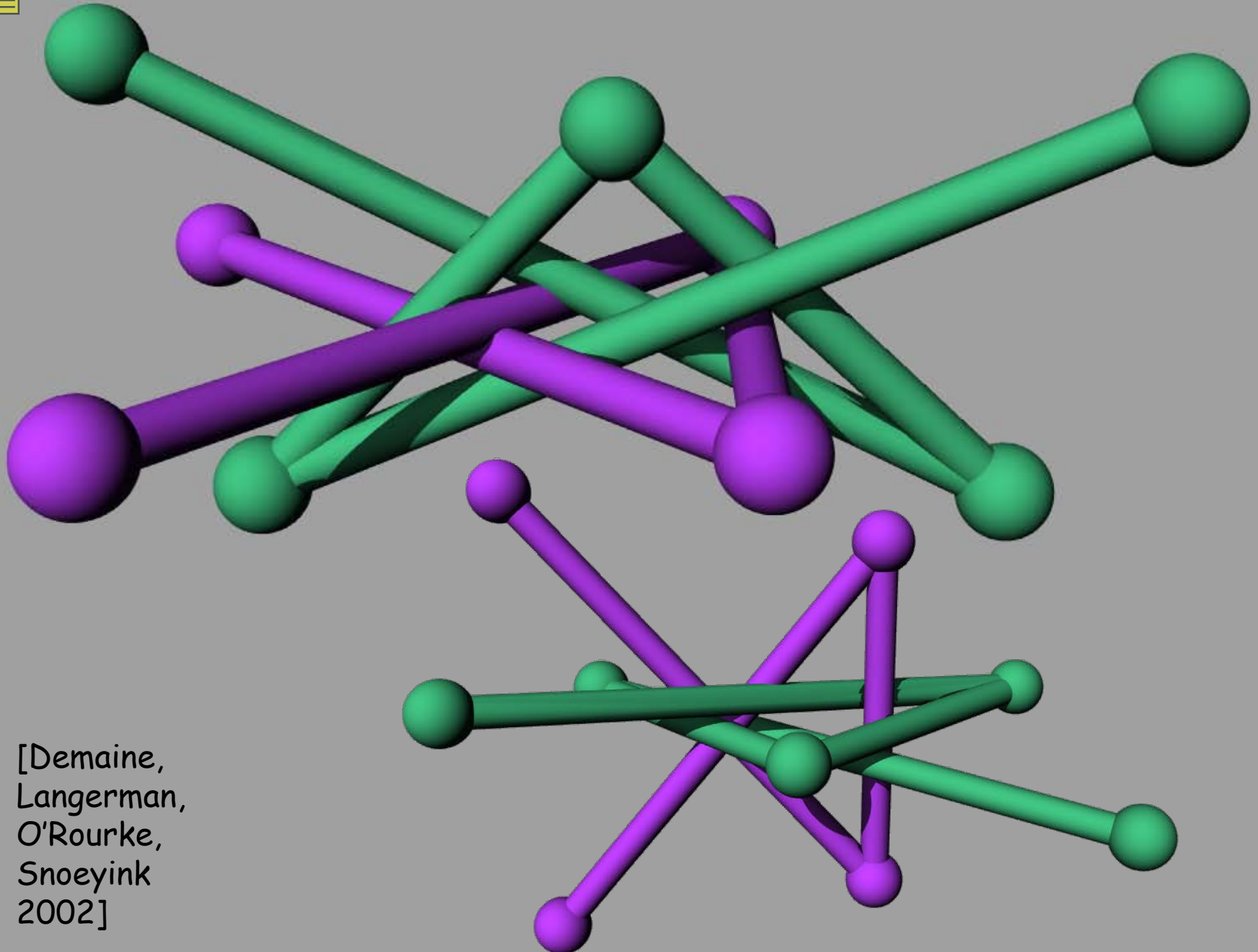




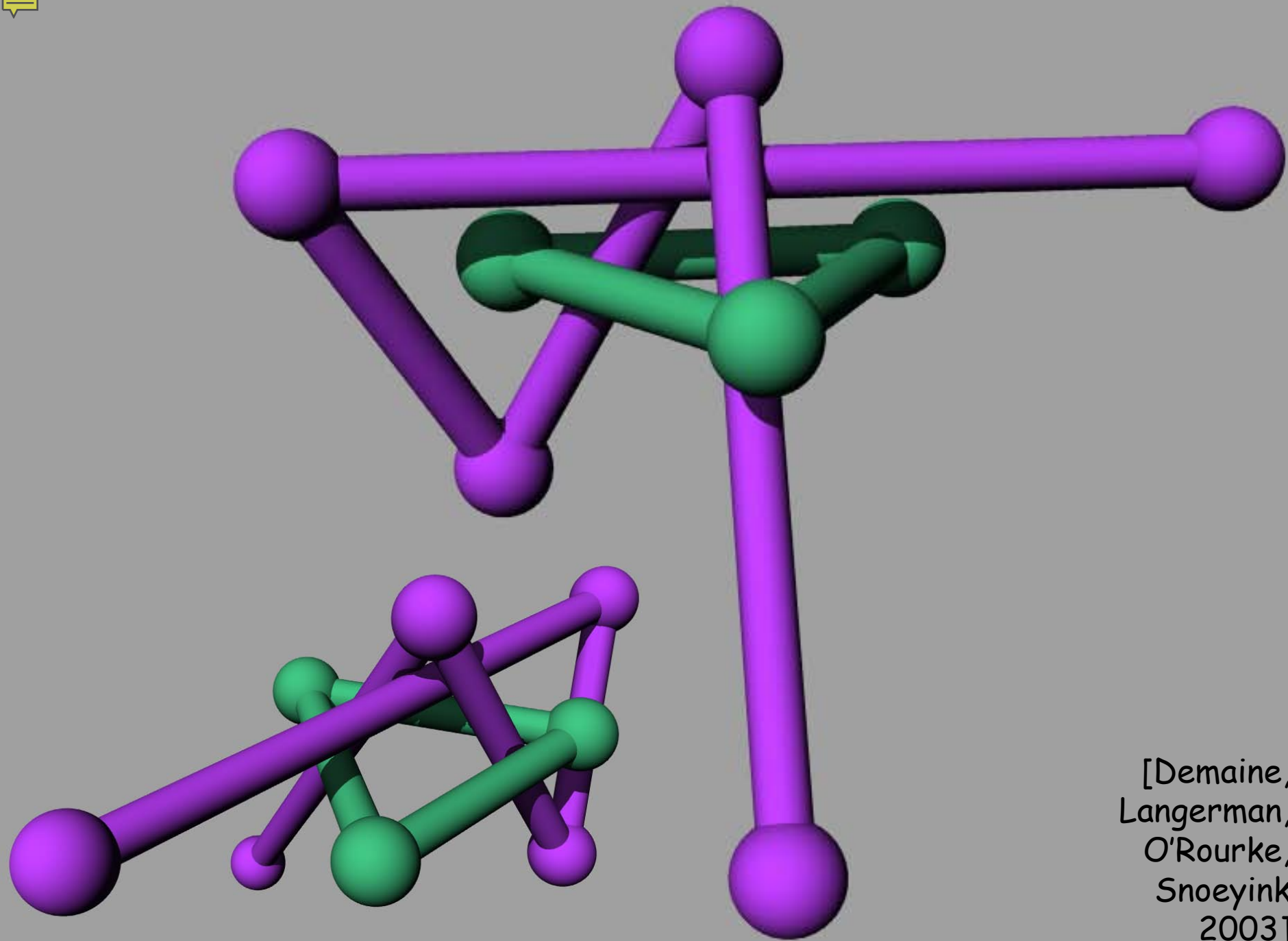
[Demaine, Langerman, O'Rourke, Snoeyink 2002]



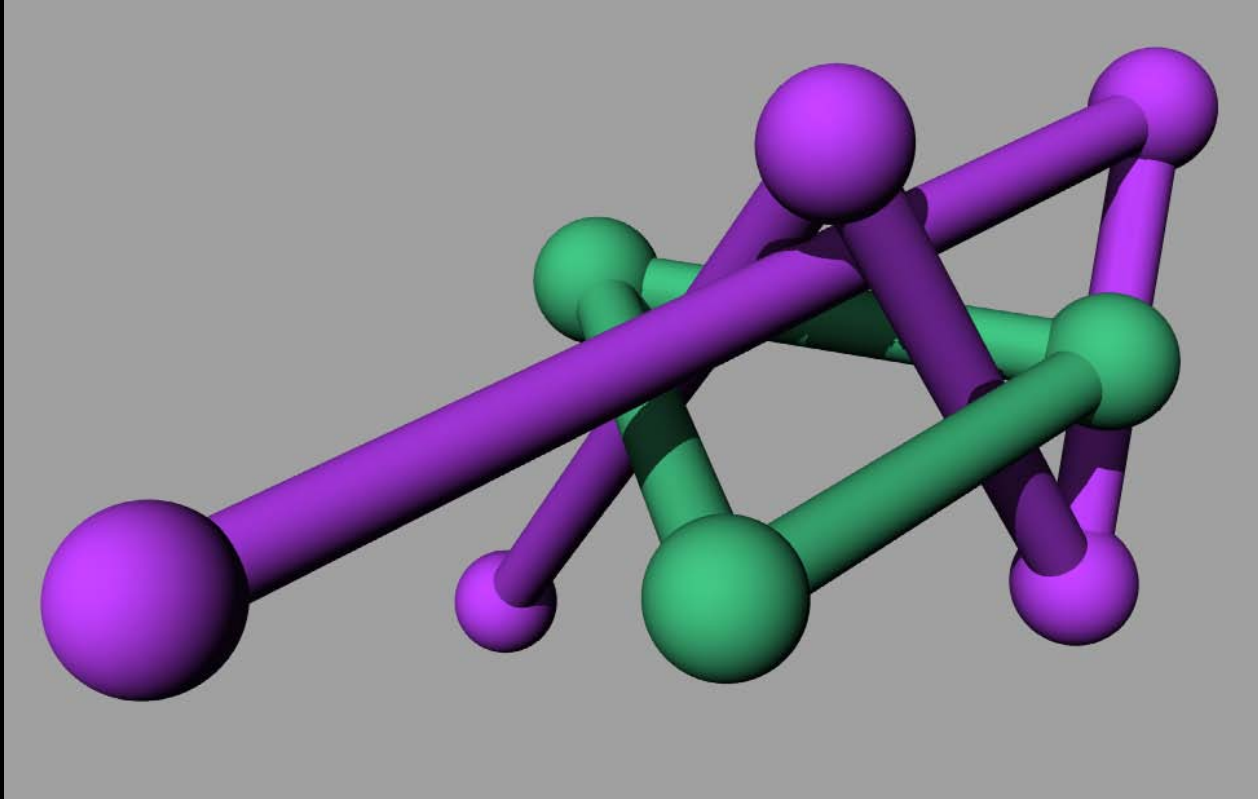
[Demaine,
Langerman,
O'Rourke,
Snoeyink
2002]



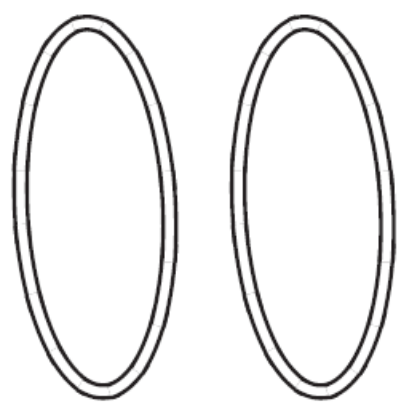
[Demaine,
Langerman,
O'Rourke,
Snoeyink
2002]



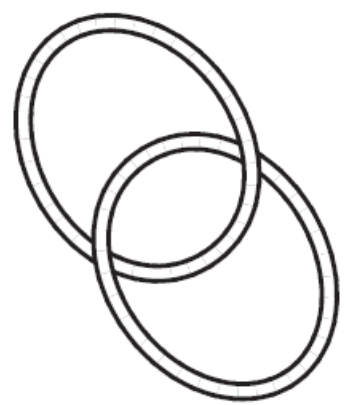
[Demaine,
Langerman,
O'Rourke,
Snoeyink
2003]



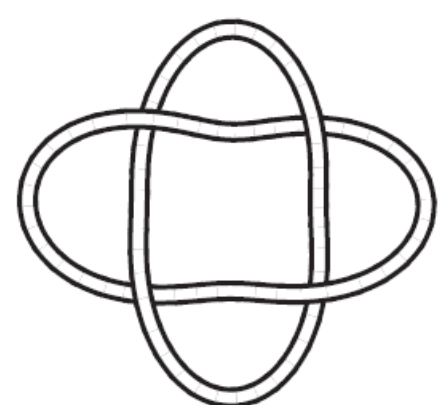
[Demaine,
Langerman,
O'Rourke,
Snoeyink
2003]



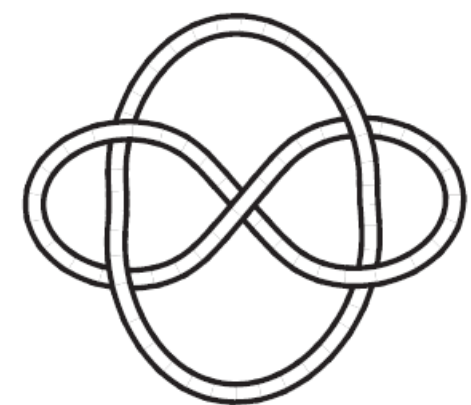
0_1^2



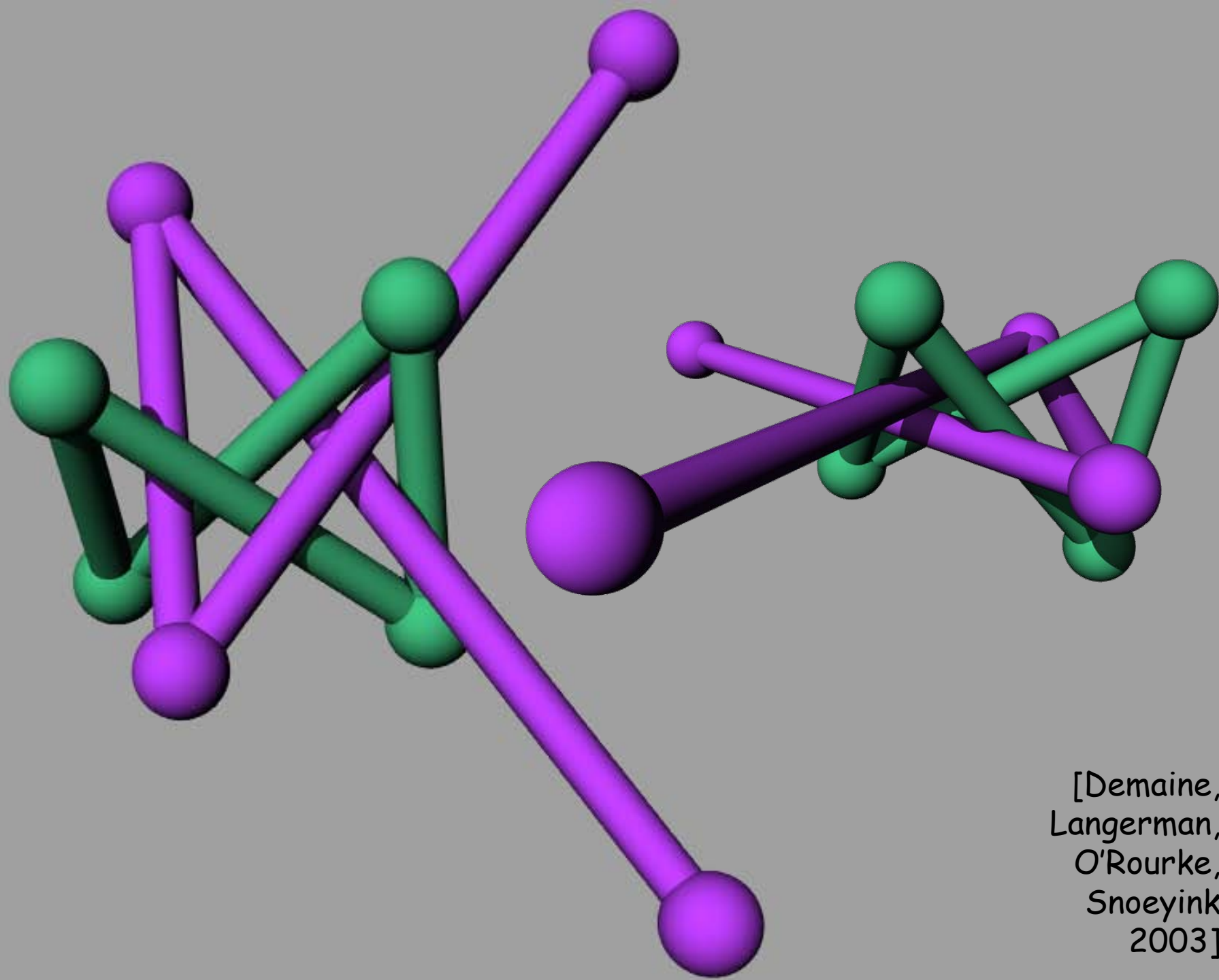
2_1^2



4_1^2



5_1^2



[Demaine,
Langerman,
O'Rourke,
Snoeyink
2003]



locked chains?		2		3			4			5
		univ.	rigid	univ.	fixed angle	rigid	univ.	fixed angle	rigid	rigid
2	univ.	-	-	-	-	-	-	-	-	+
	rigid	-	-	-	-	+	+	+	+	+
3	univ.	-	-	-	-	+	+	+	+	+
	fixed angle	-	-	-	+	+	+	+	+	+
	rigid	-	+	+	+	+	+	+	+	+
4	univ.	-	+	+	+	+	+	+	+	+
	fixed angle	-	+	+	+	+	+	+	+	+
	rigid	-	+	+	+	+	+	+	+	+
5	rigid	+	+	+	+	+	+	+	+	+

[Demaine, Langerman, O'Rourke, Snoeyink 2002]