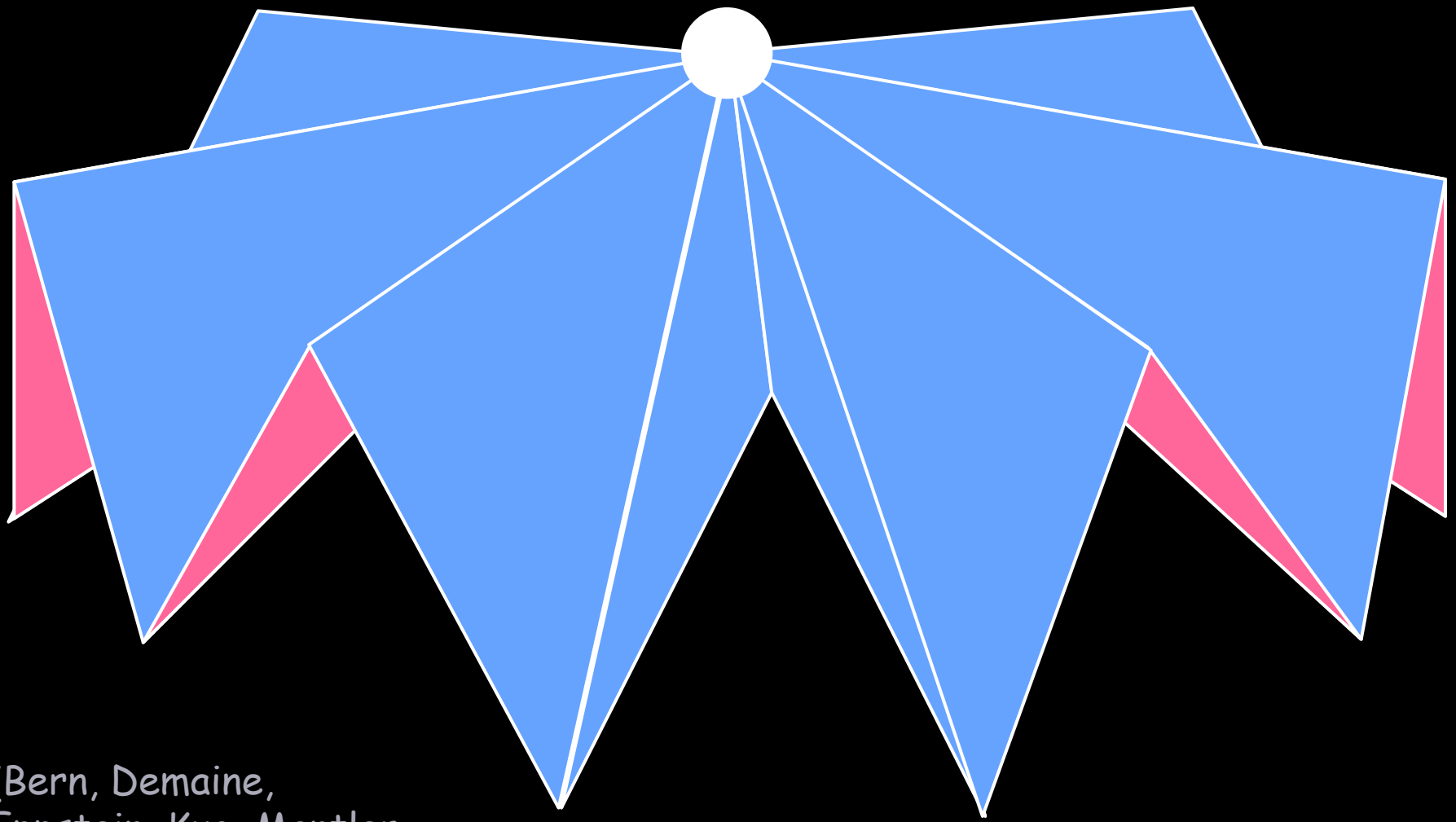
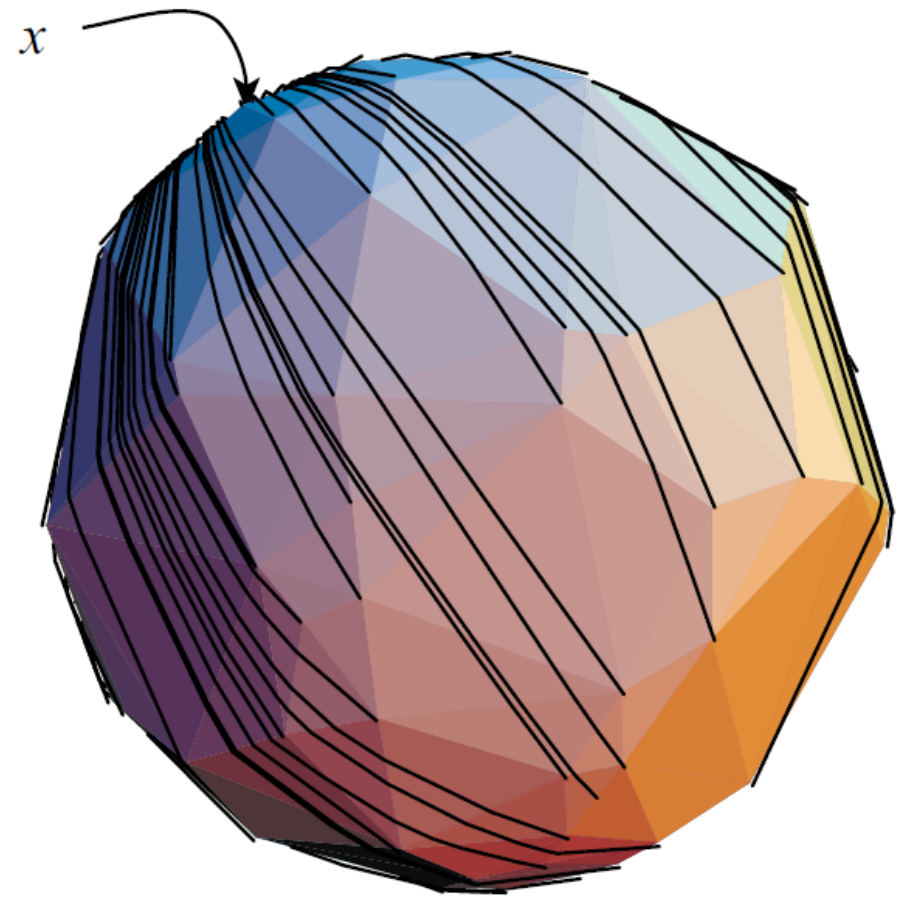
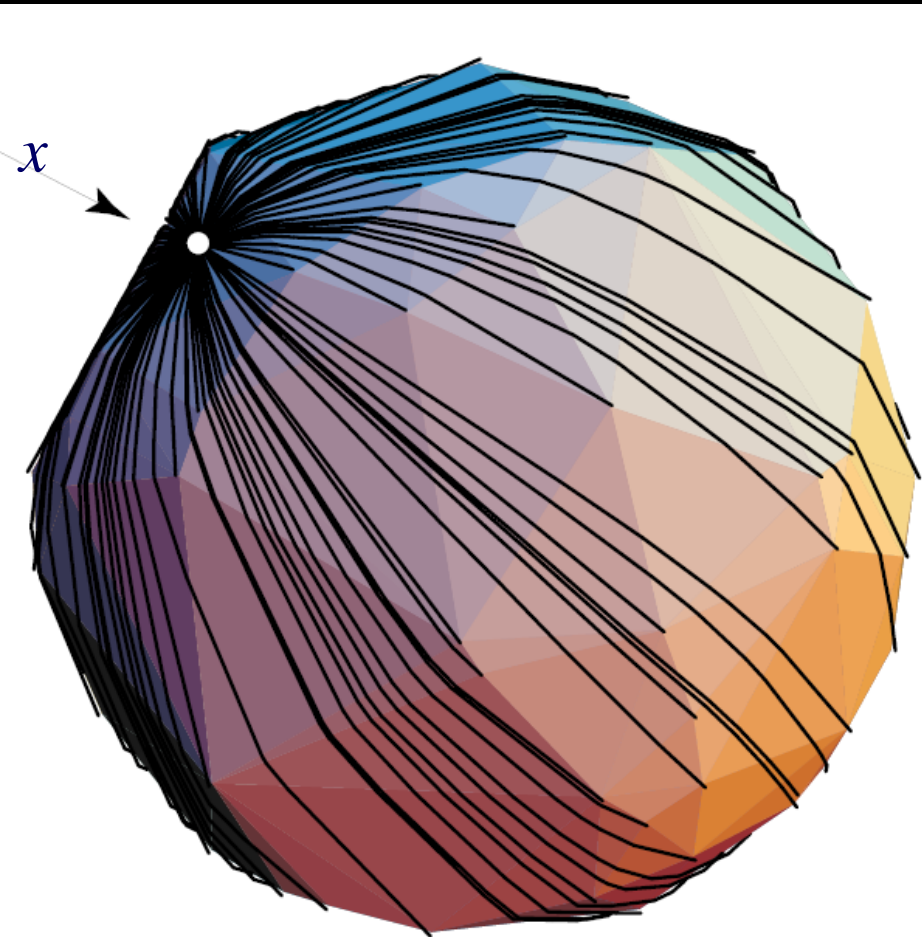
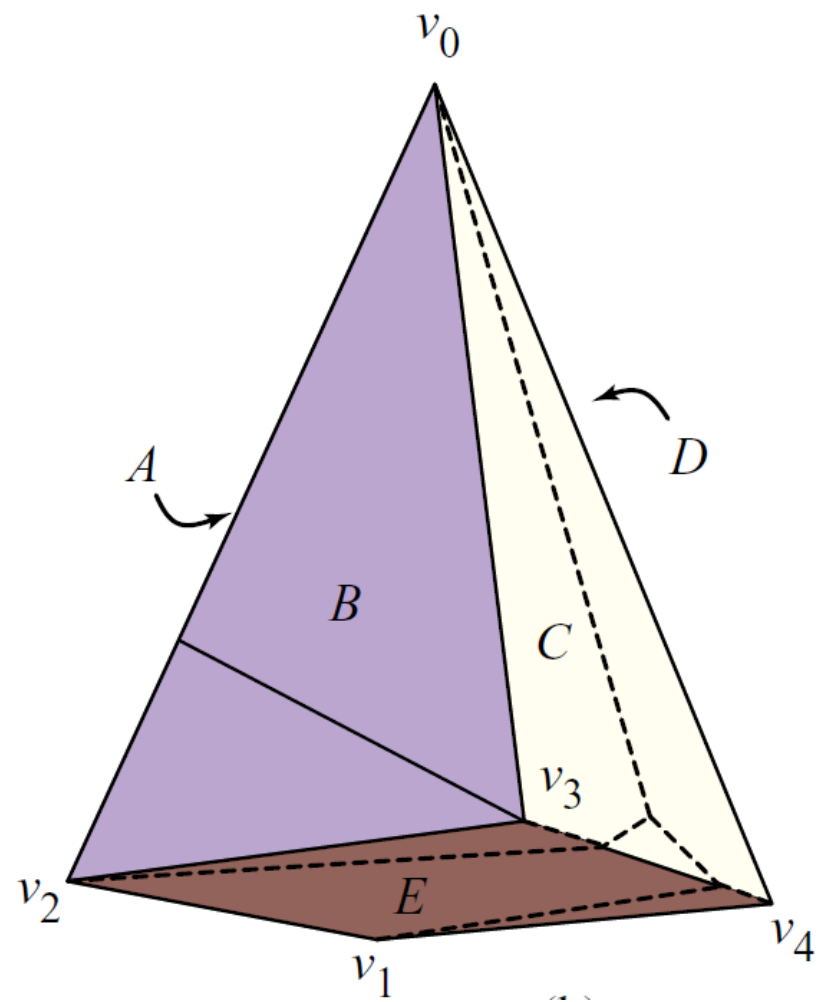
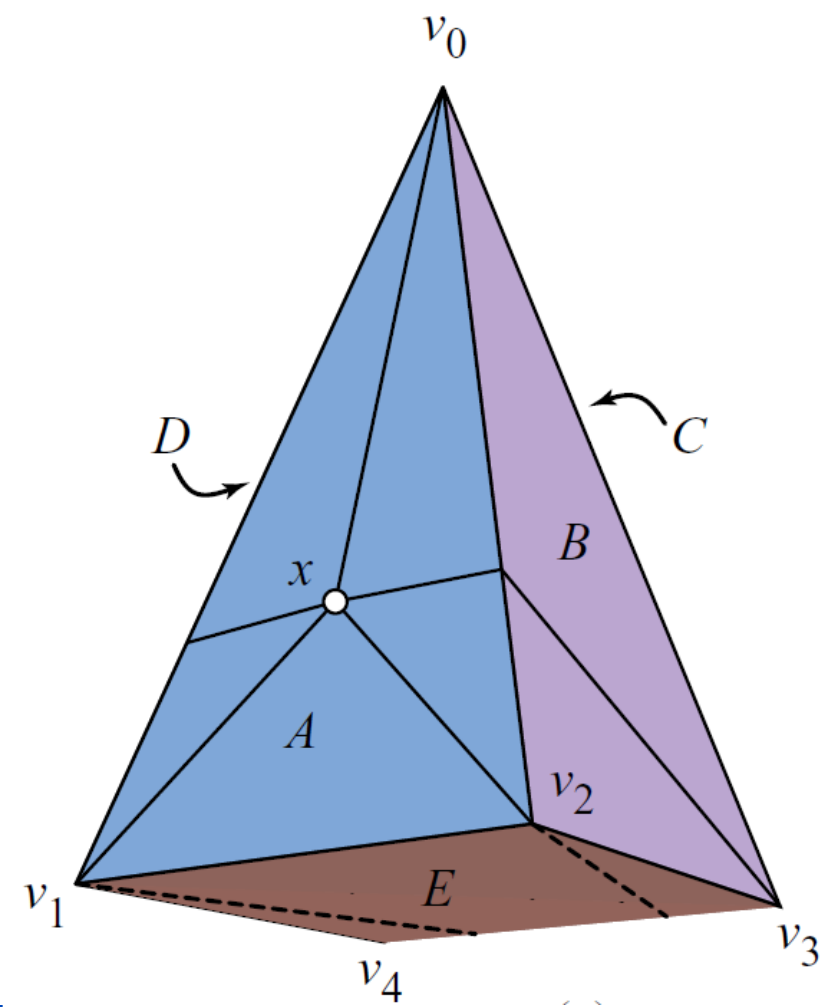


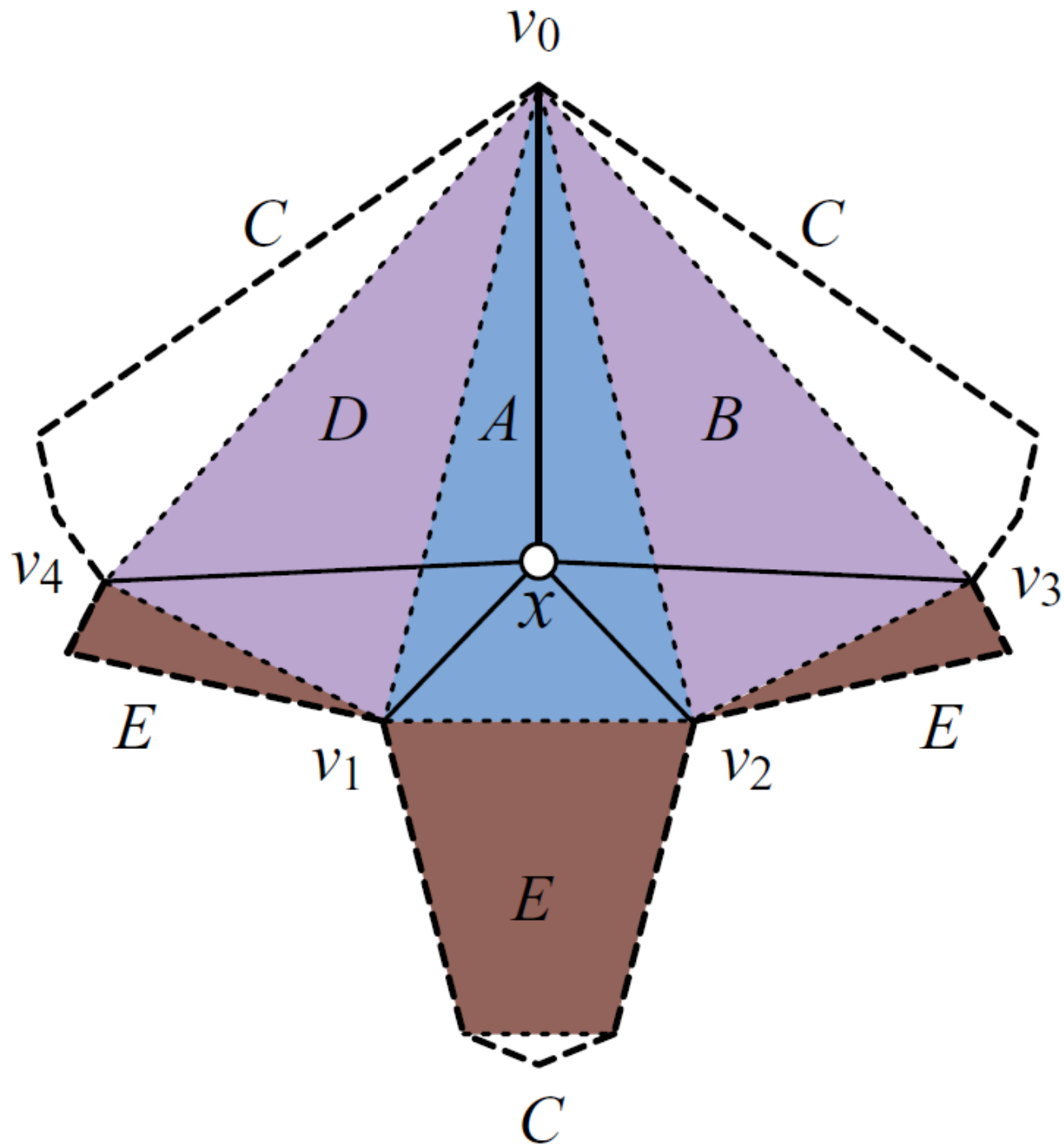
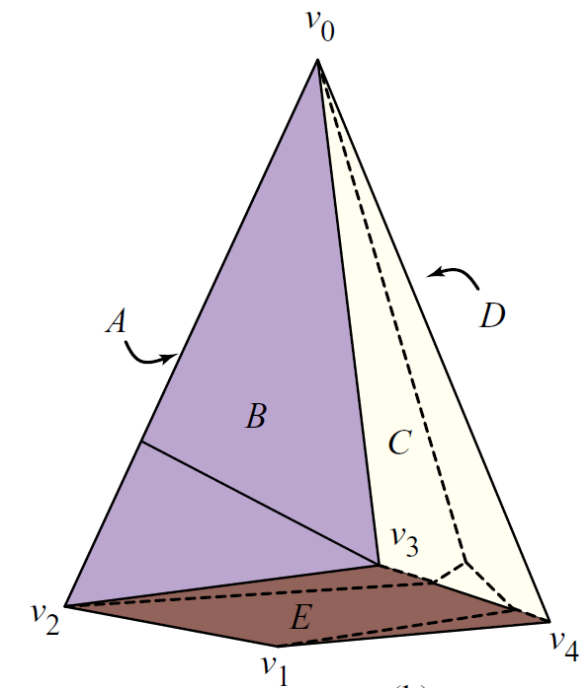
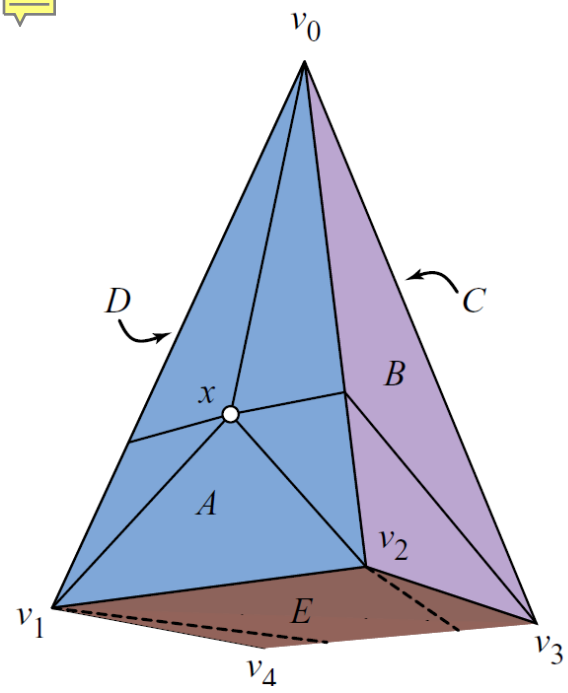
[Bern, Demaine,
Eppstein, Kuo, Mantler,
Snoeyink 2003]

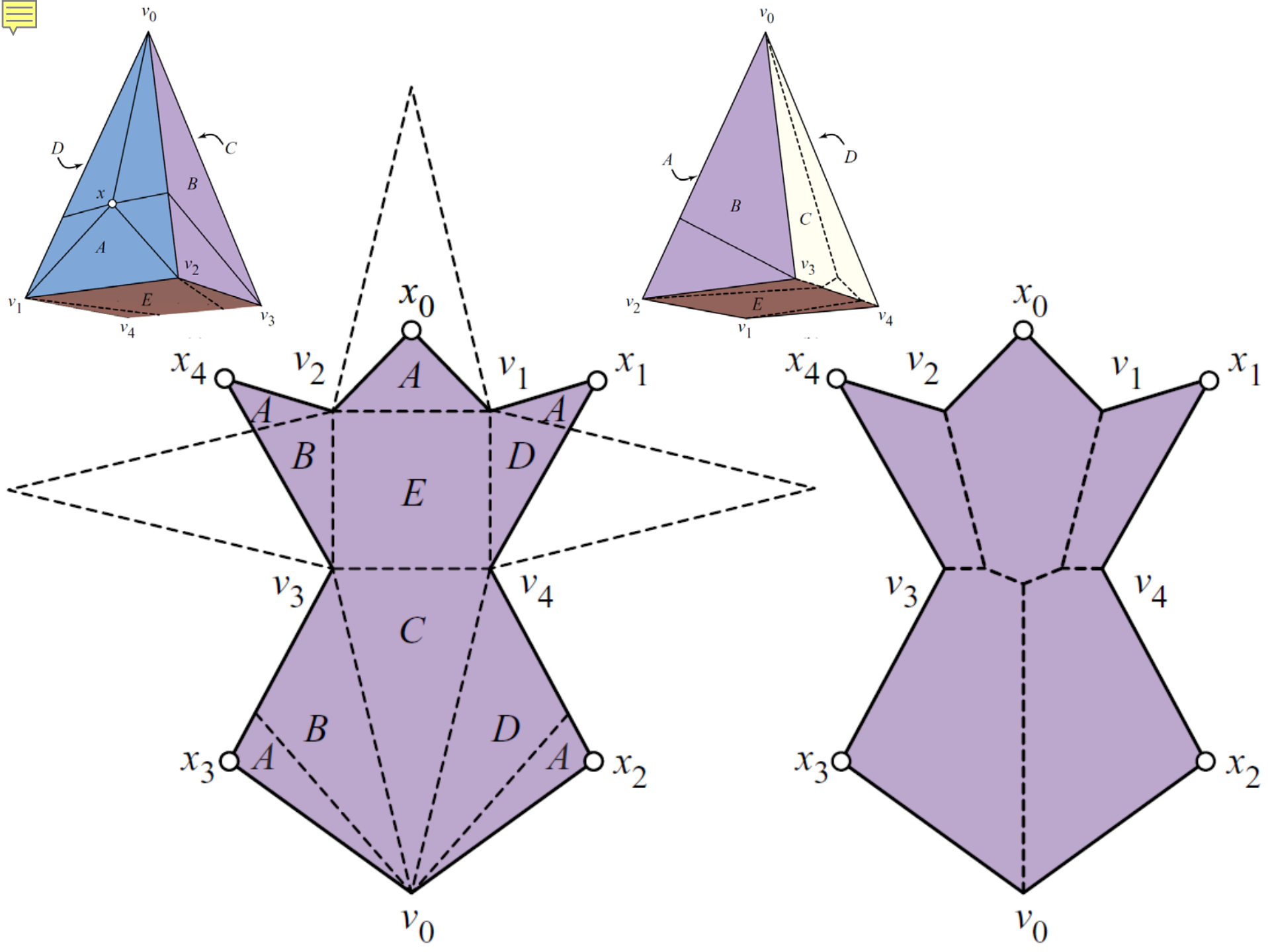


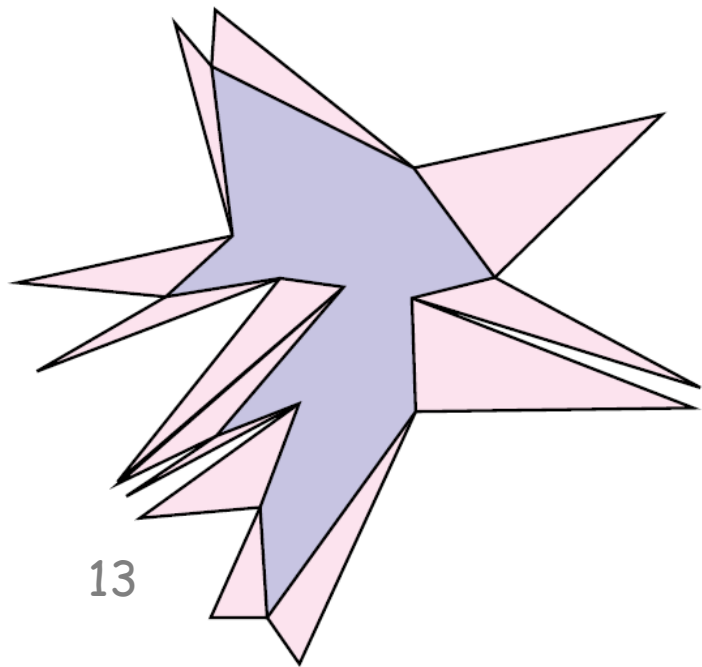
[Bern, Demaine,
Eppstein, Kuo, Mantler,
Snoeyink 2003]



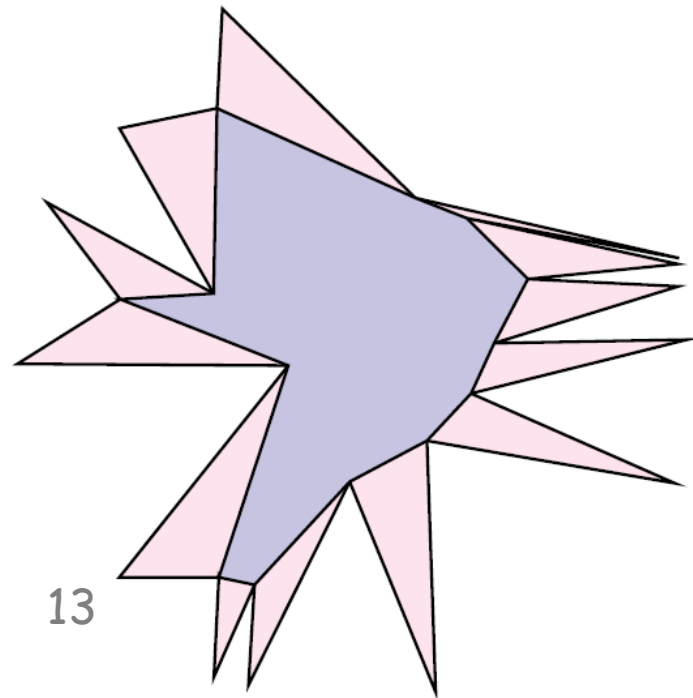




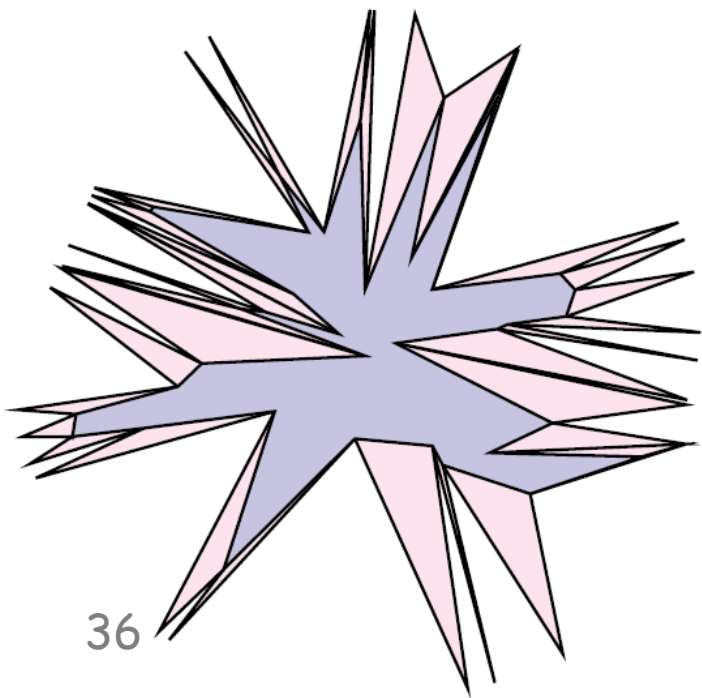




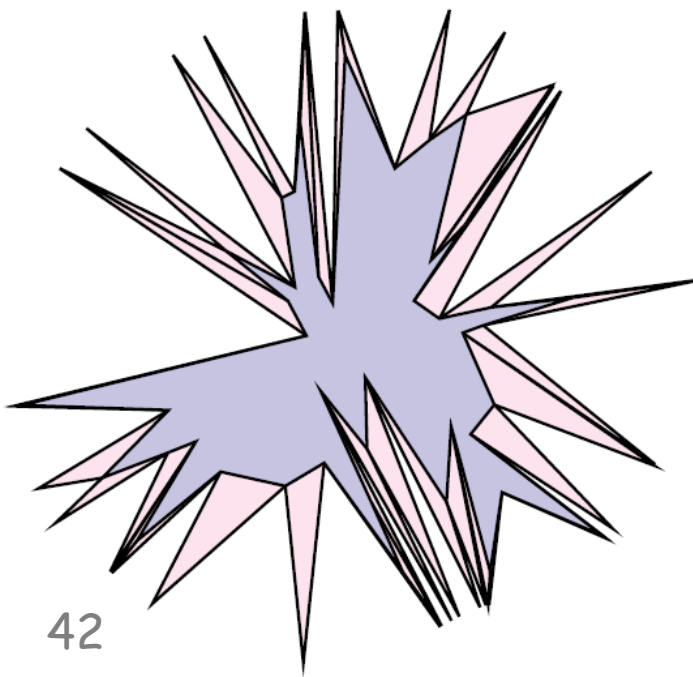
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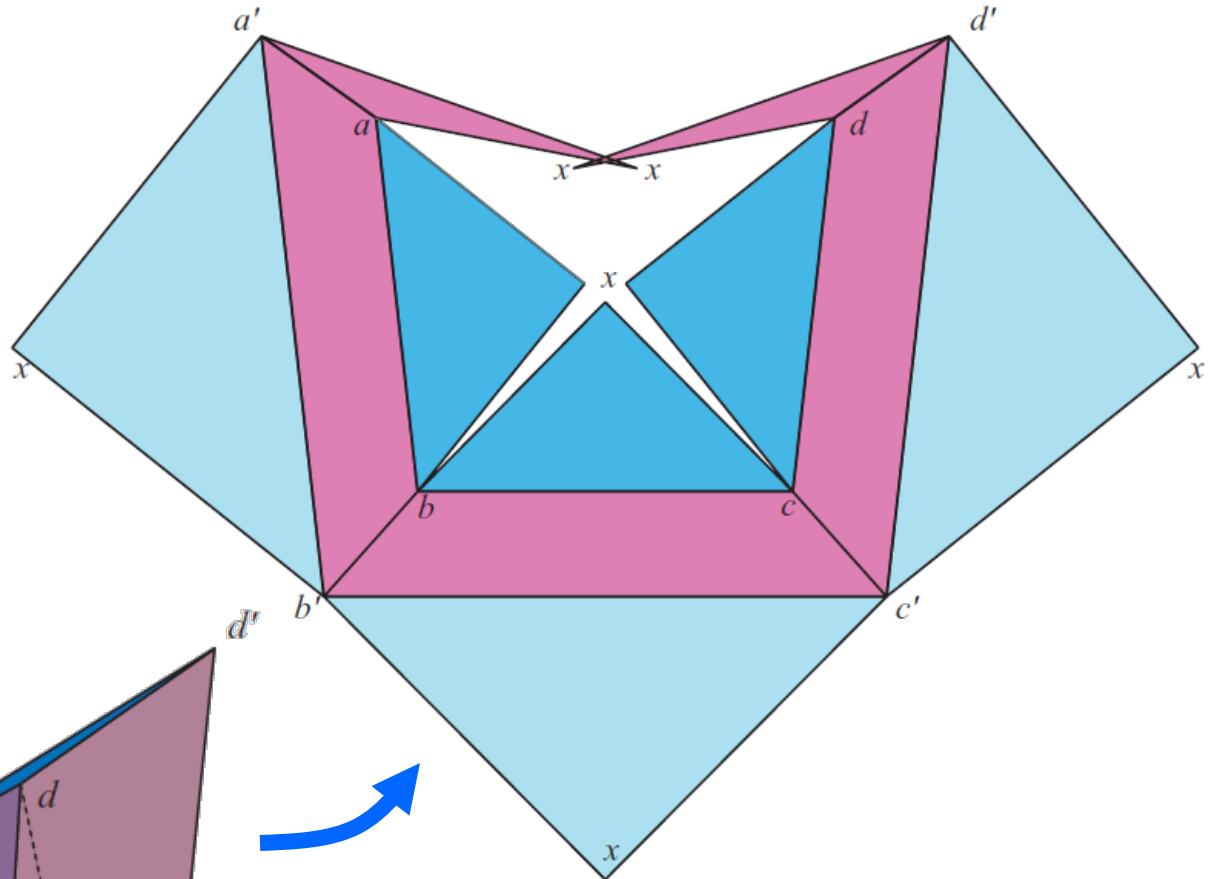
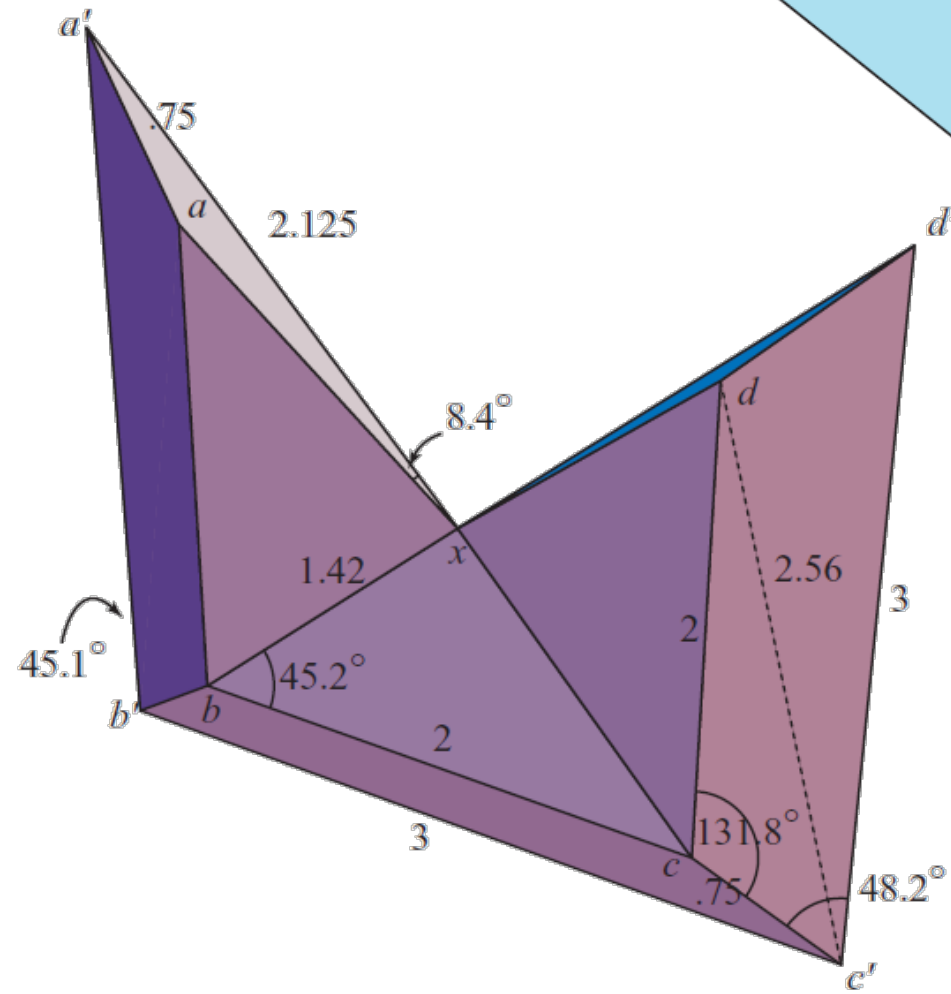
13

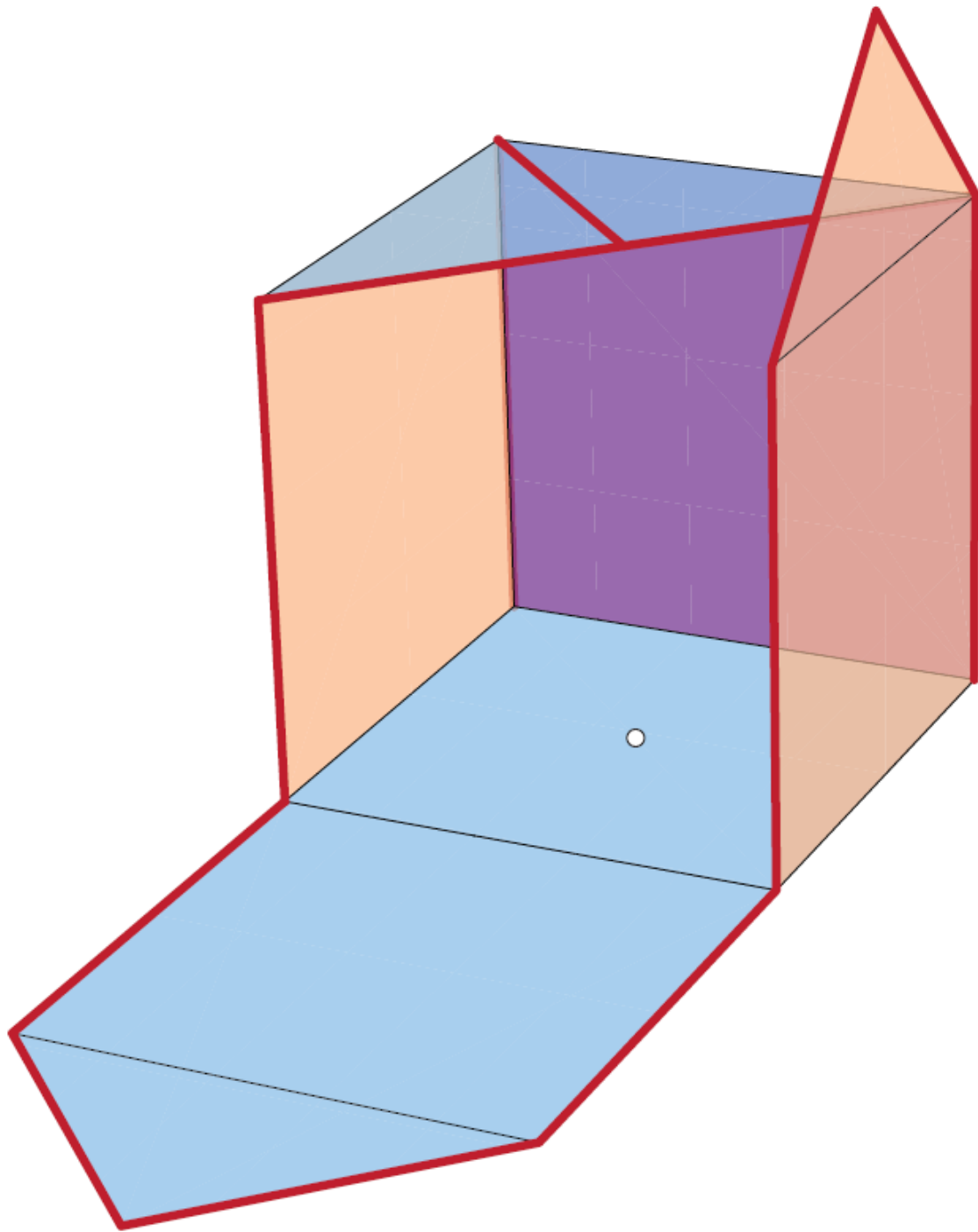


36



42





[Demaine,
Demaine, Hart,
Iacono,
Langerman,
O'Rourke 2010]



Albrecht Dürer (self-portrait)



Melancholia I [1525]



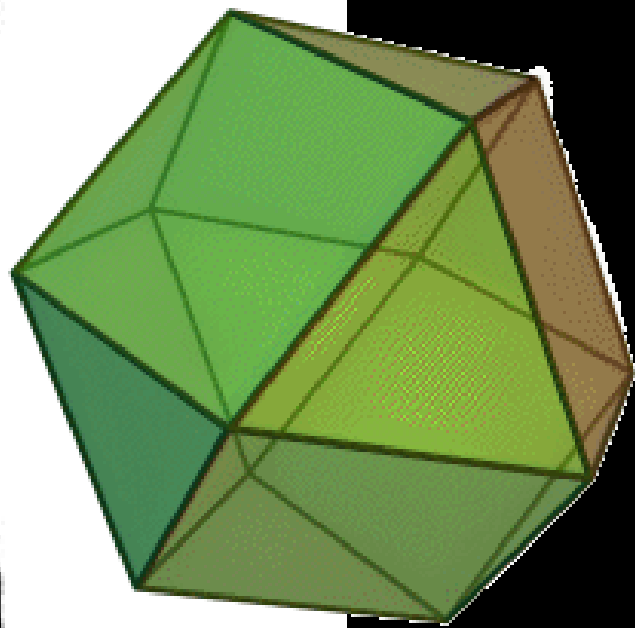
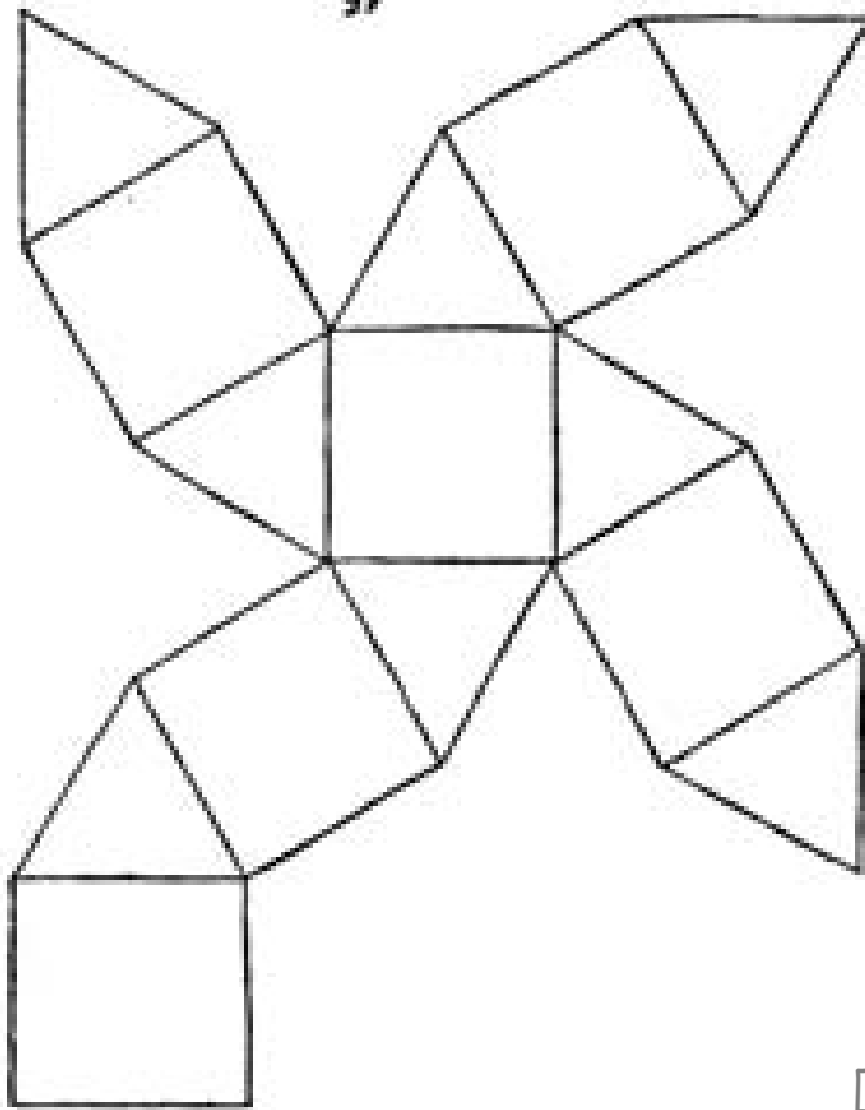
Uberweysung der messung/ mit dem zirckel vñ richte
scheyt/ in Linien ebenen vñnd gangen corporen/
durch Albrecht Dürer zu samen gezogen/
vñd zu nutz alle kunstliebhabenden
mit zu gehörigen figuren/ in
druck gebracht/ im jar.
M. D. XXXV.

"The Painter's Manual: A Manual of Measurement of Lines, Areas, and Solids by Means of Compass and Ruler Assembled by Albrecht Dürer for the Use of All Lovers of Art with Appropriate Illustrations Arranged to be Printed in the Year MDXXV (1525)

Mit begnadung Kayserlicher im end cunzeleibter Frey-
heyt damit sich ein yglicher vor scha-
den zu hüten wyß zc.



37



Cuboctahedron
drawn by Cyp
licensed under
Creative Commons
Attribution-Share
Alike 3.0 Unported

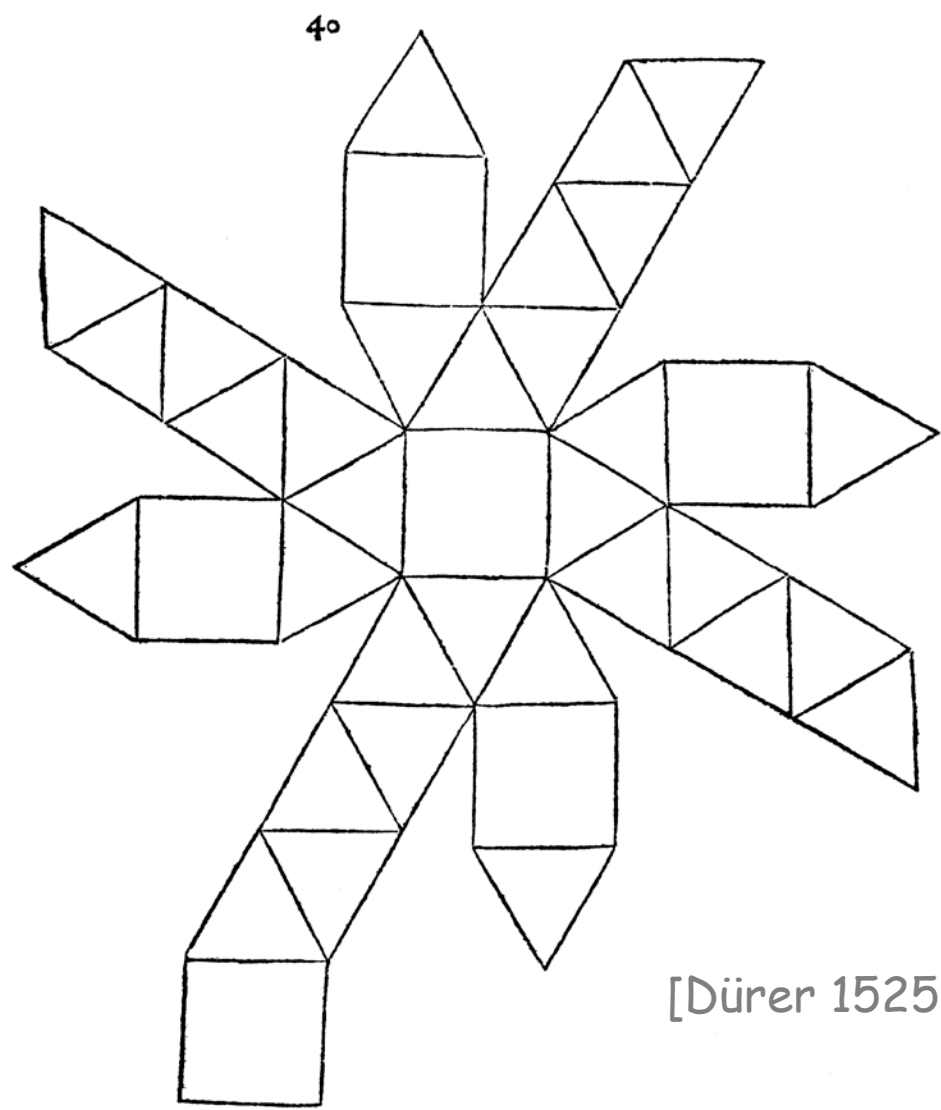
[Dürer 1525]



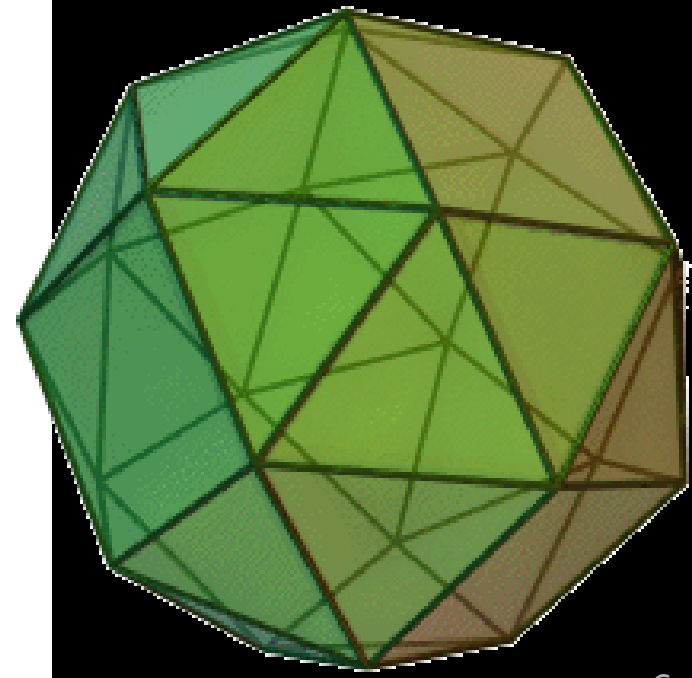
Das Viert corpus hat offen acht sechs eckiger / und sechs vier eckiger felder so man die zusam
men legt so gewint das corpus vier vil zwepnzig eck / und sechs und dreyßig scharpfer seiten.

37 ij

DAs Sechst corpus/so das aufthan wirt/hat es sechs gefierte/vnd zwey vnd dreyßig Driangl
che felder/so man das zûsamen leget.gewint es vier vnd zweynßig eck / vñnd sechßig schar
pfer seyen.

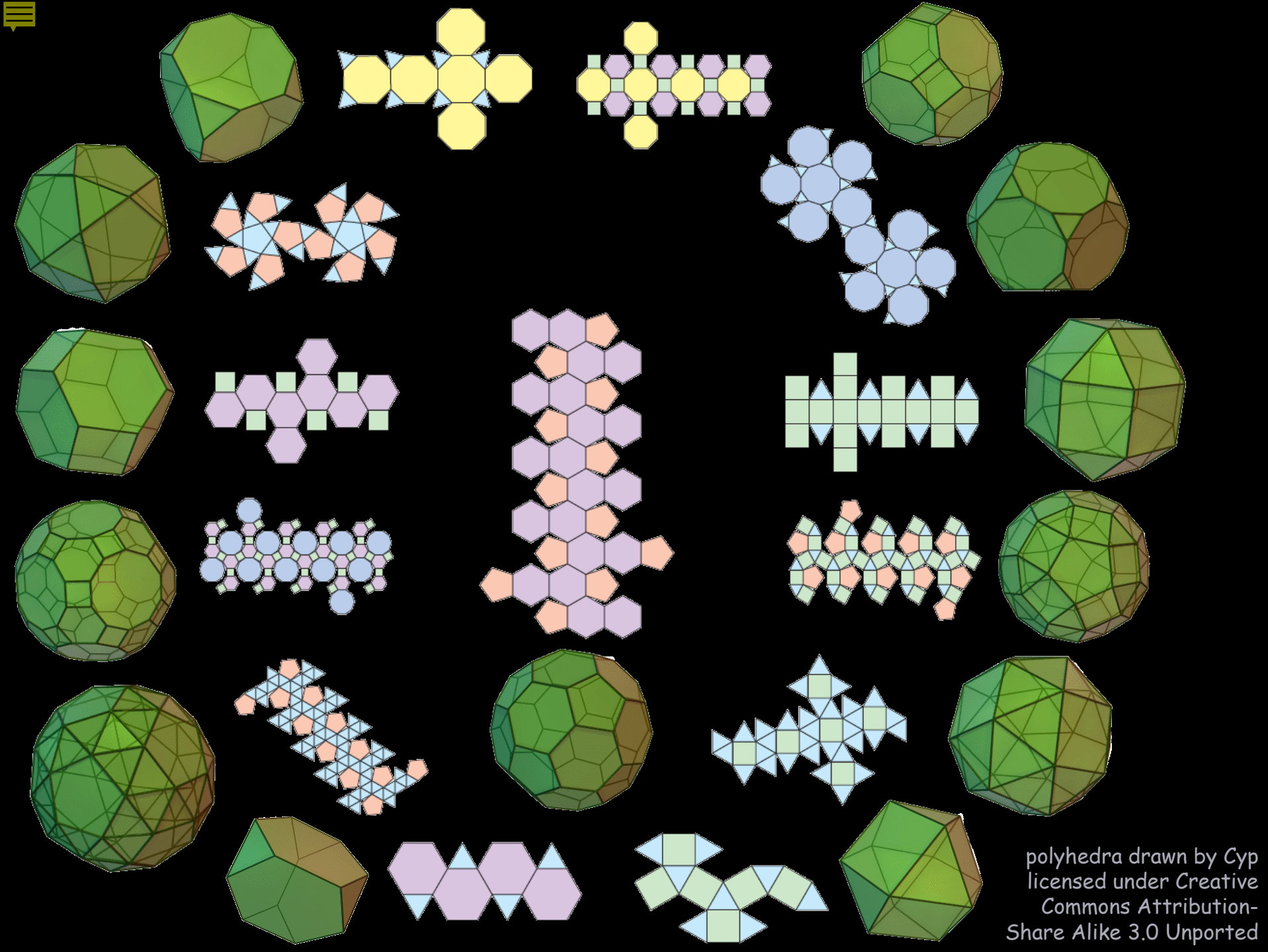


[Dürer 1525]

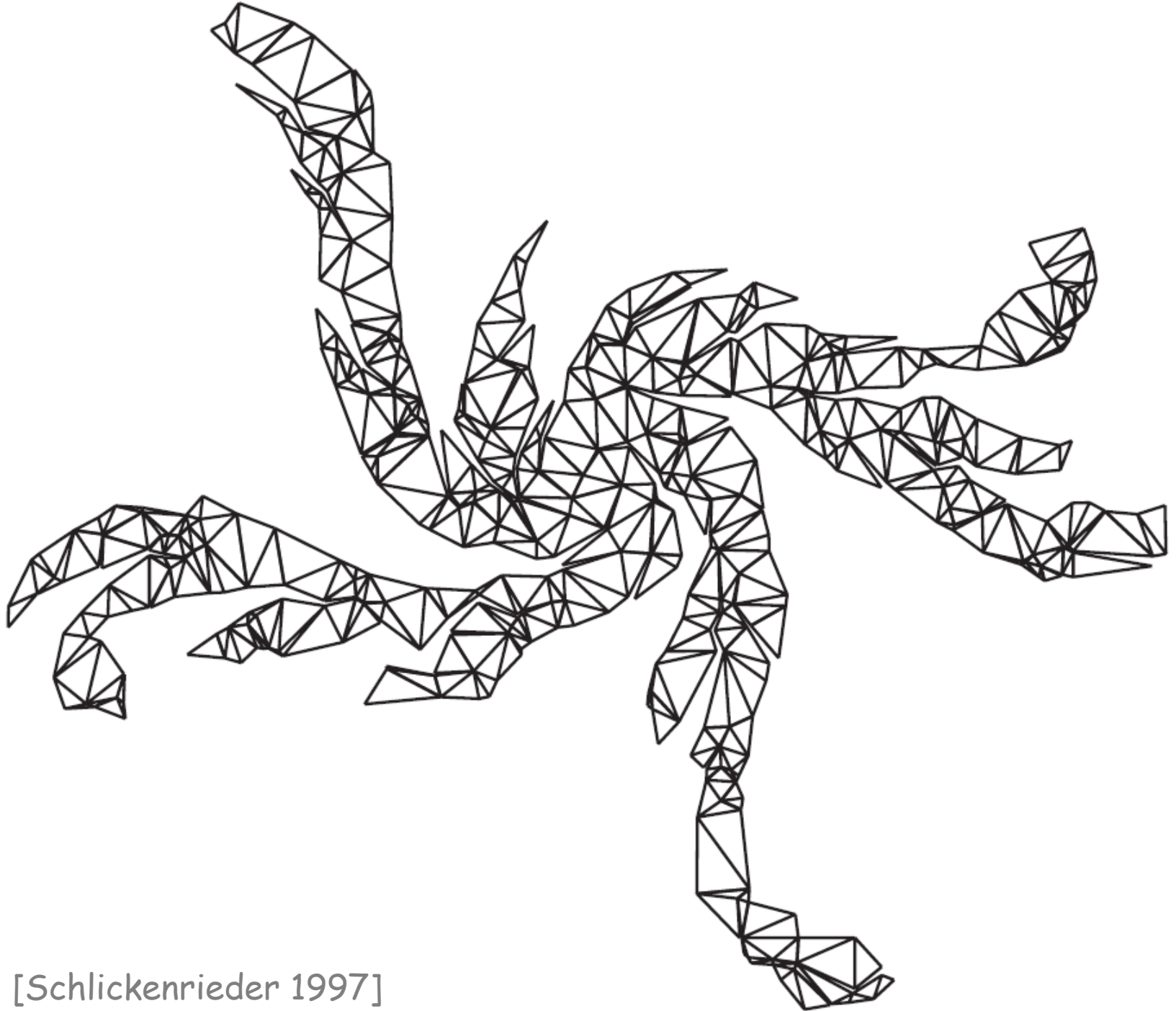


Snub Cube
drawn by Cyp
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Creative Commons
Attribution-Share
Alike 3.0 Unported

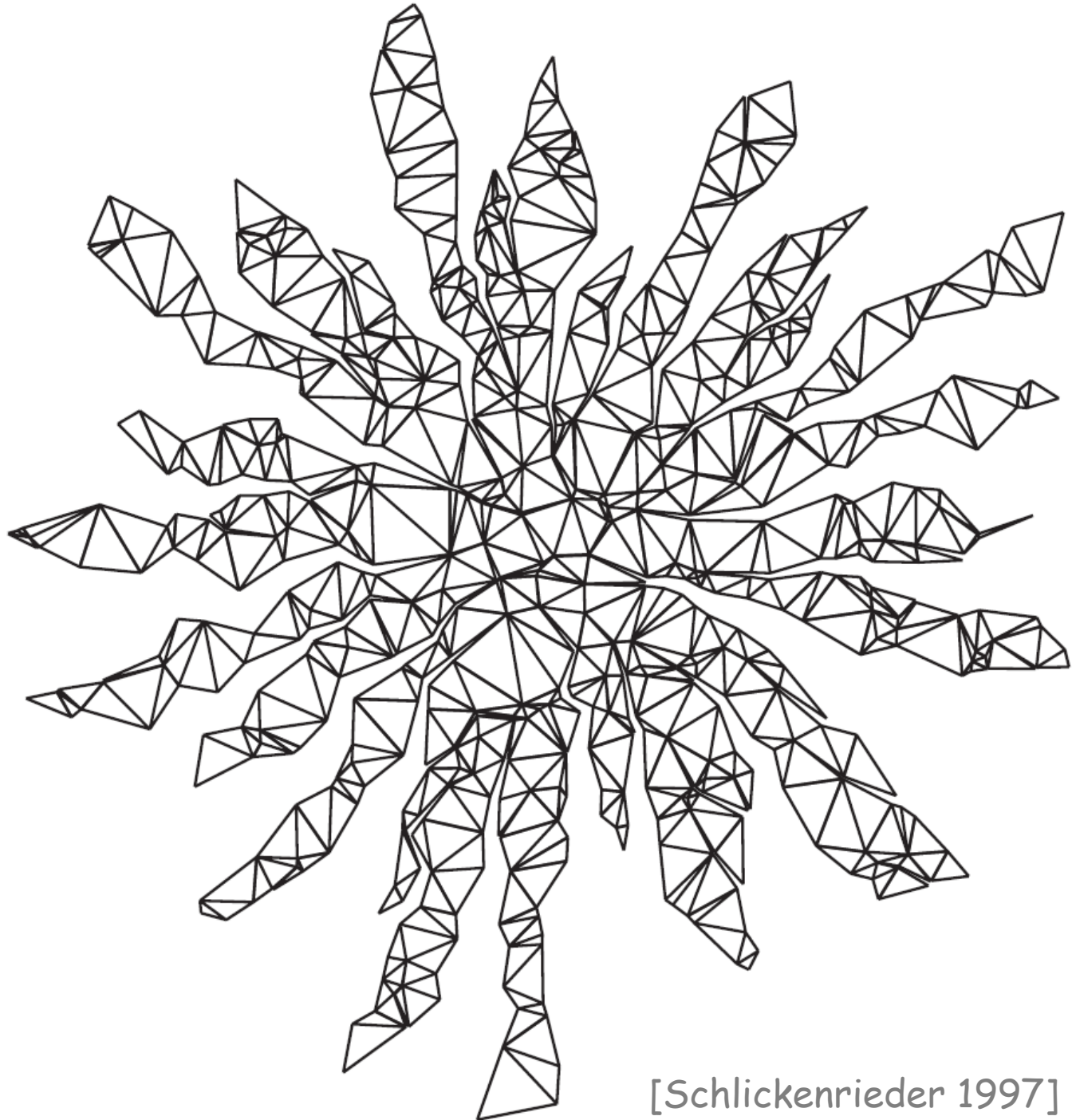
DAs Sibent vnd nach folget corpus/so es offen leyt/hat es sechs acht ecketter/vñ acht sechs eck
ter / vnd zwelf vier ecketter felder/vñ so man das zûsamen leget/so gewint es acht vnd vierßig
eck/vnd zwo vnd sibensßig scharpfer seyen.



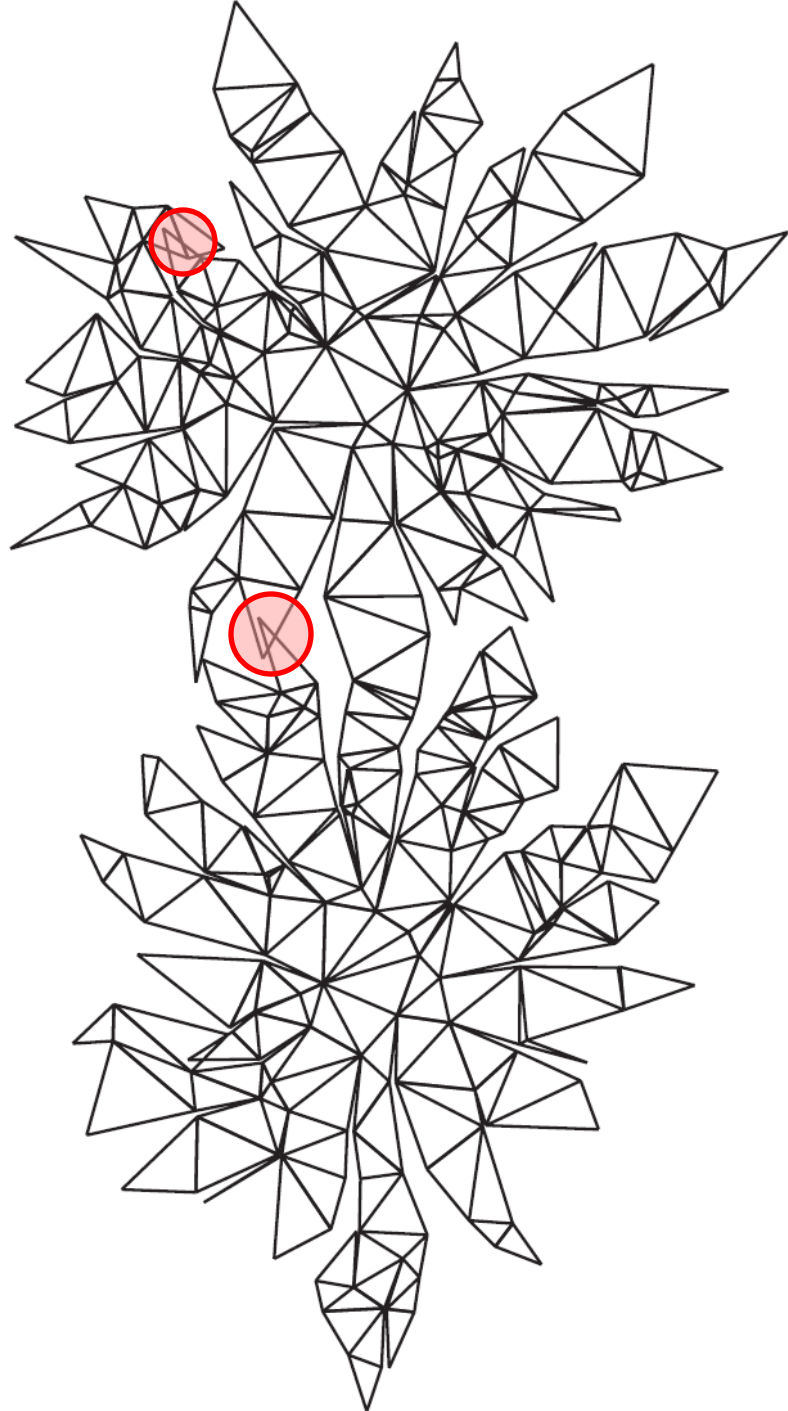
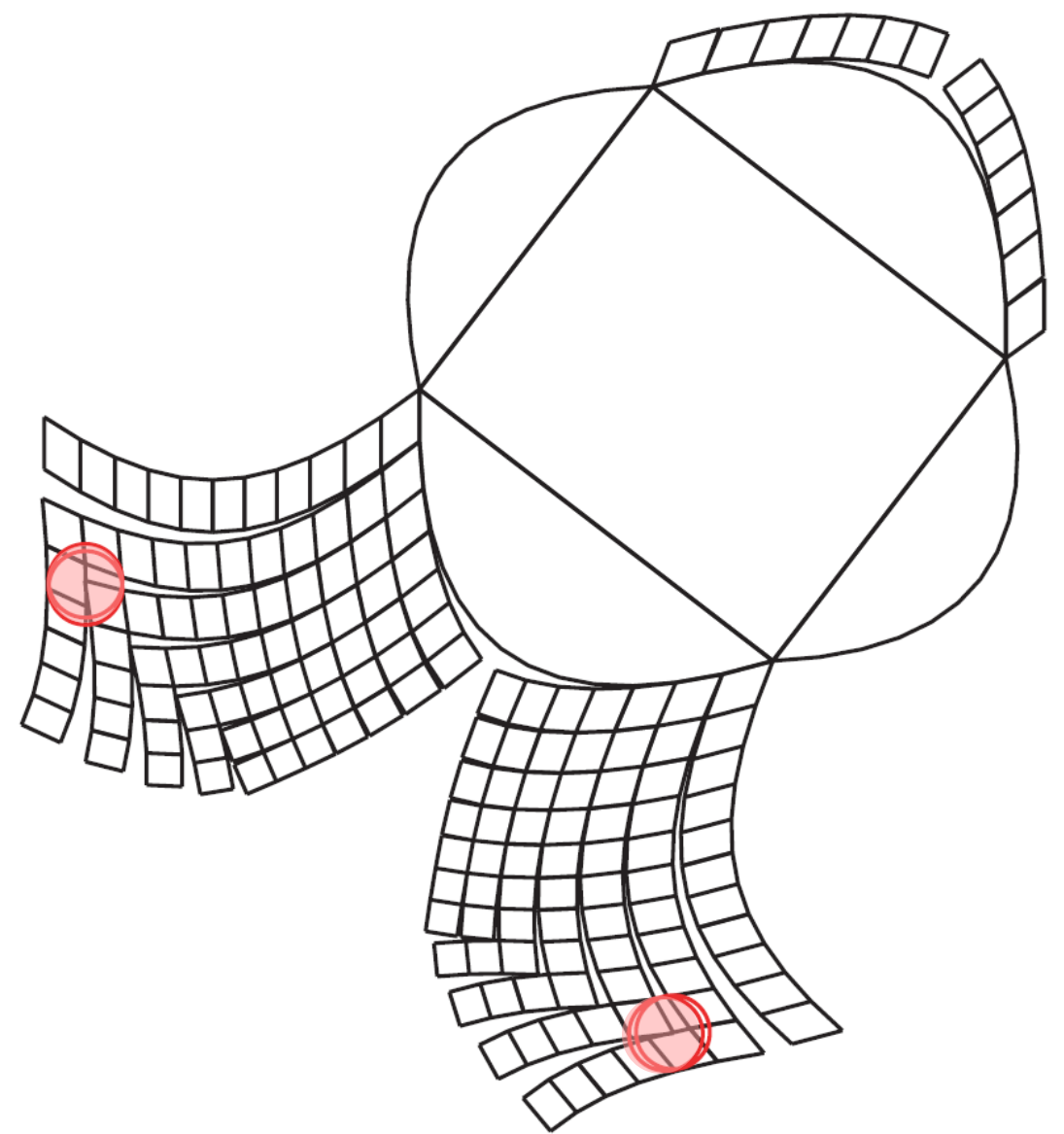
polyhedra drawn by Cyp
licensed under Creative
Commons Attribution-
Share Alike 3.0 Unported



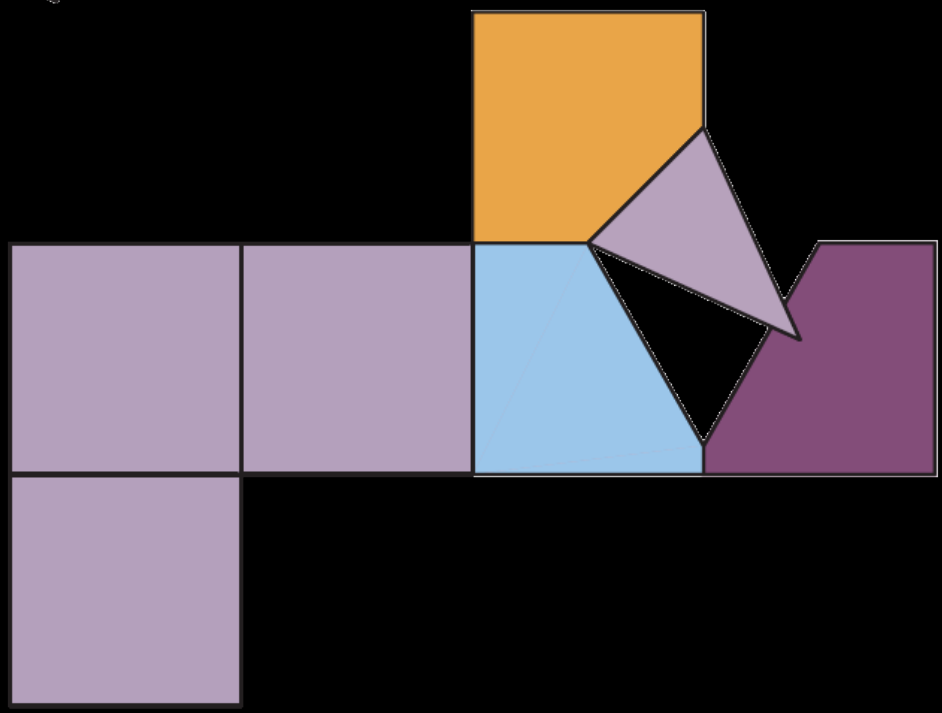
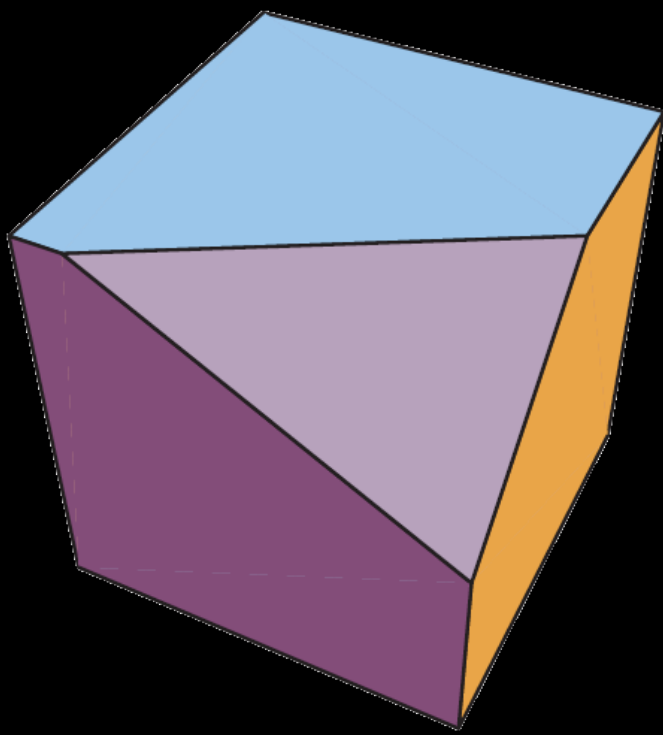
[Schlickenrieder 1997]



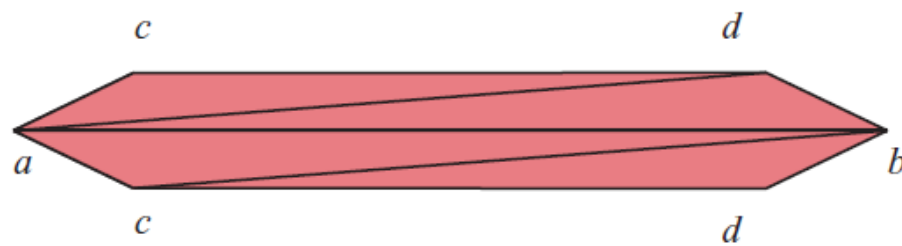
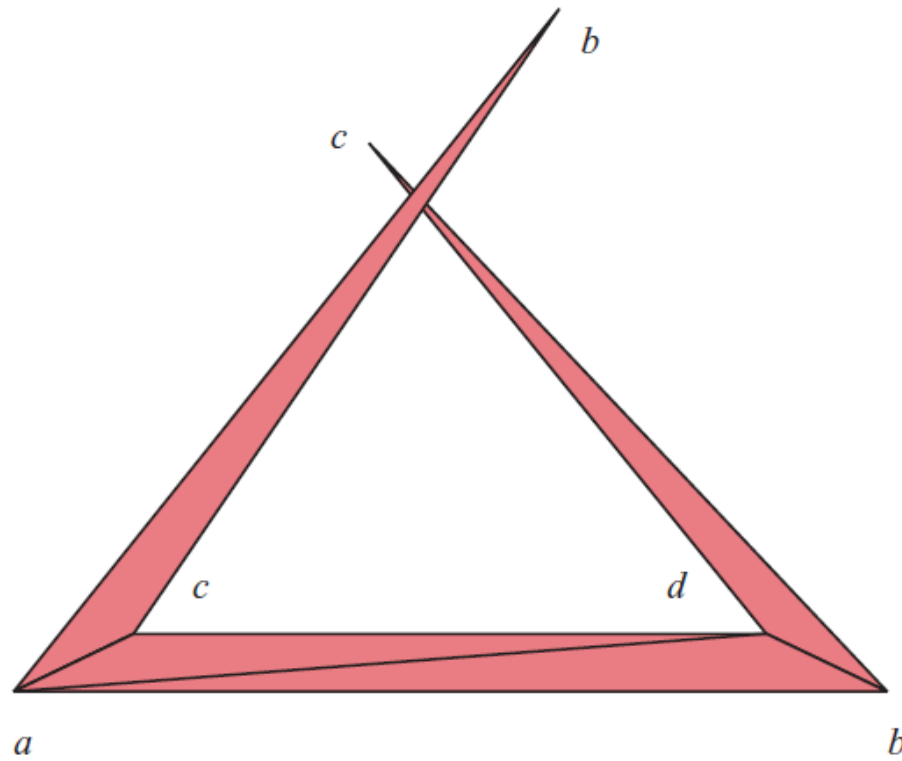
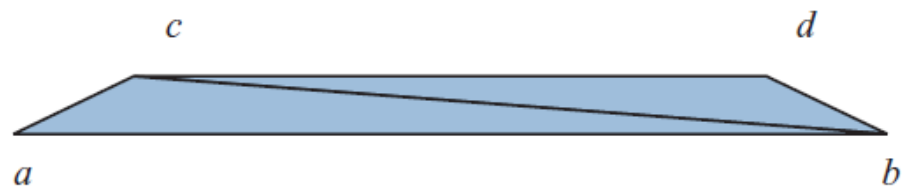
[Schlickenrieder 1997]

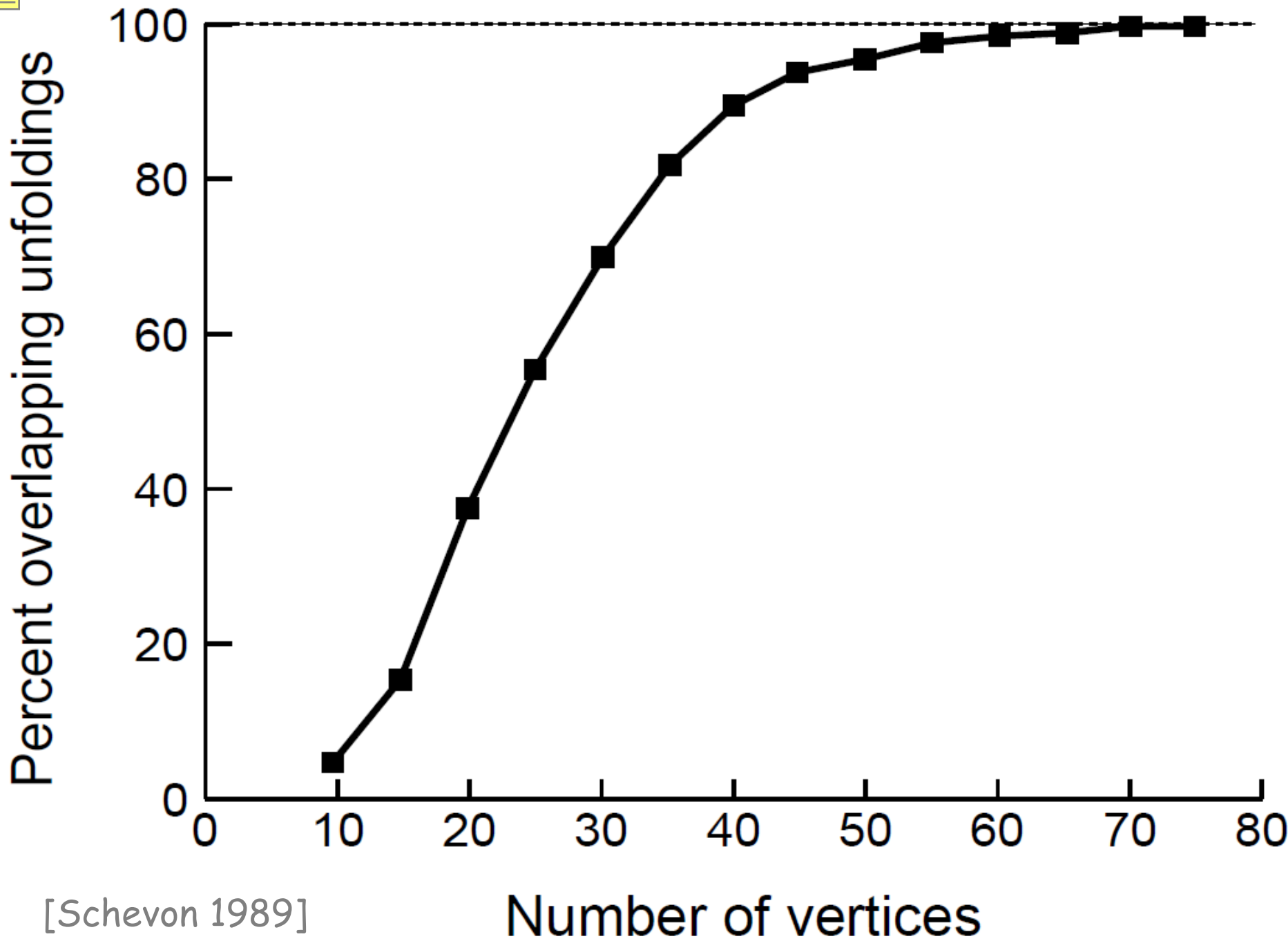


[Schlickerrieder 1997]

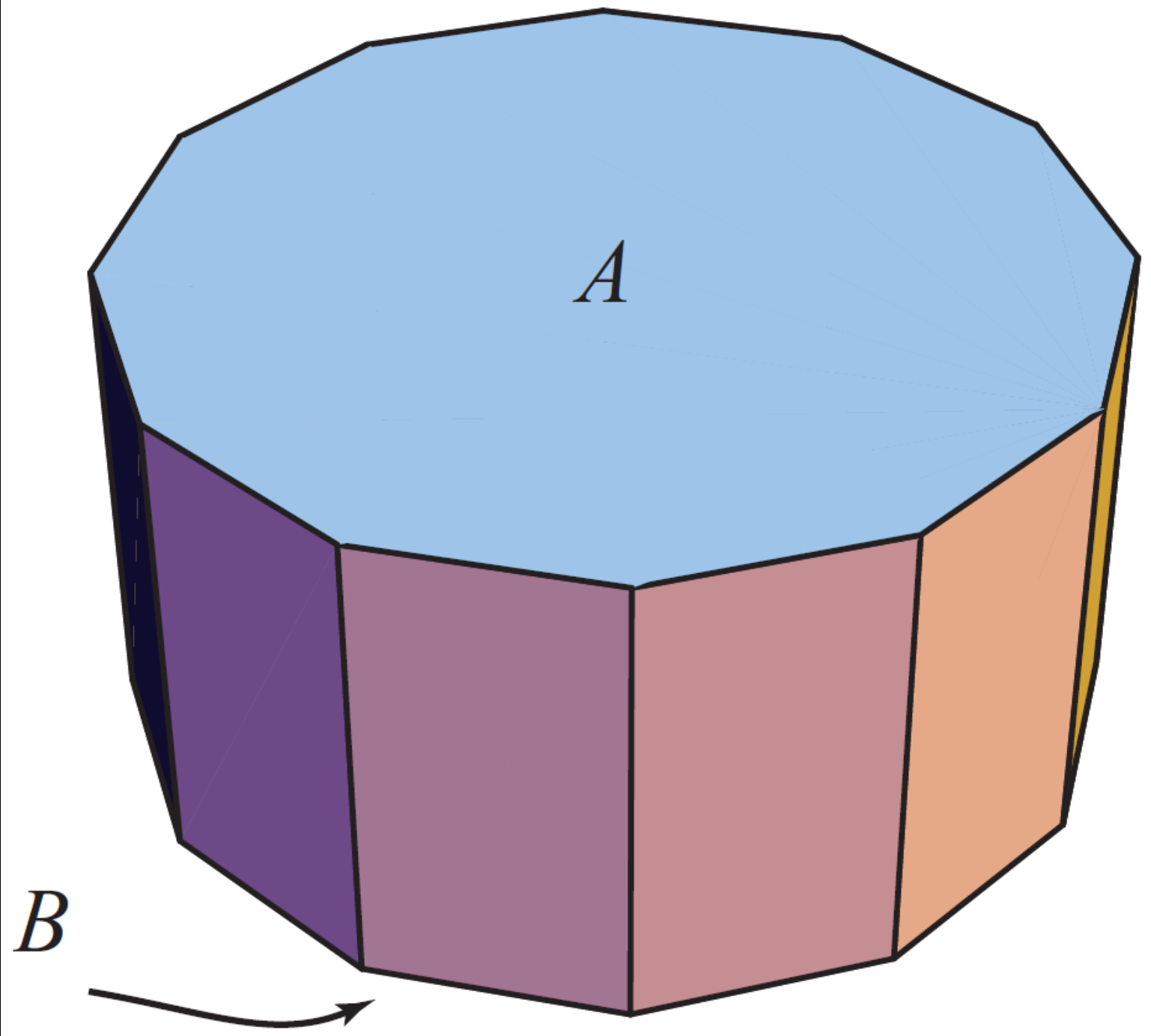


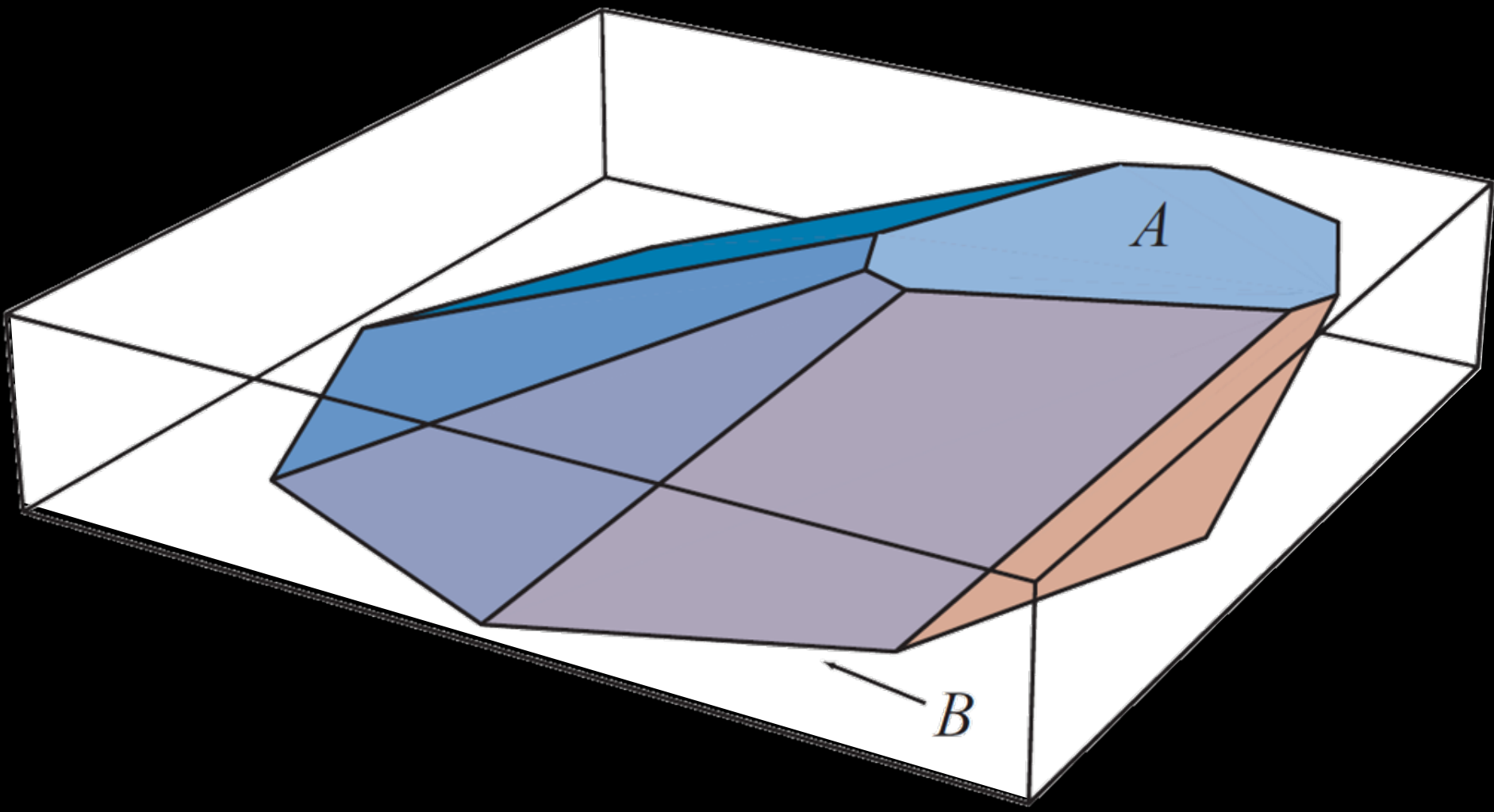
[Namiki & Fukuda 1993]

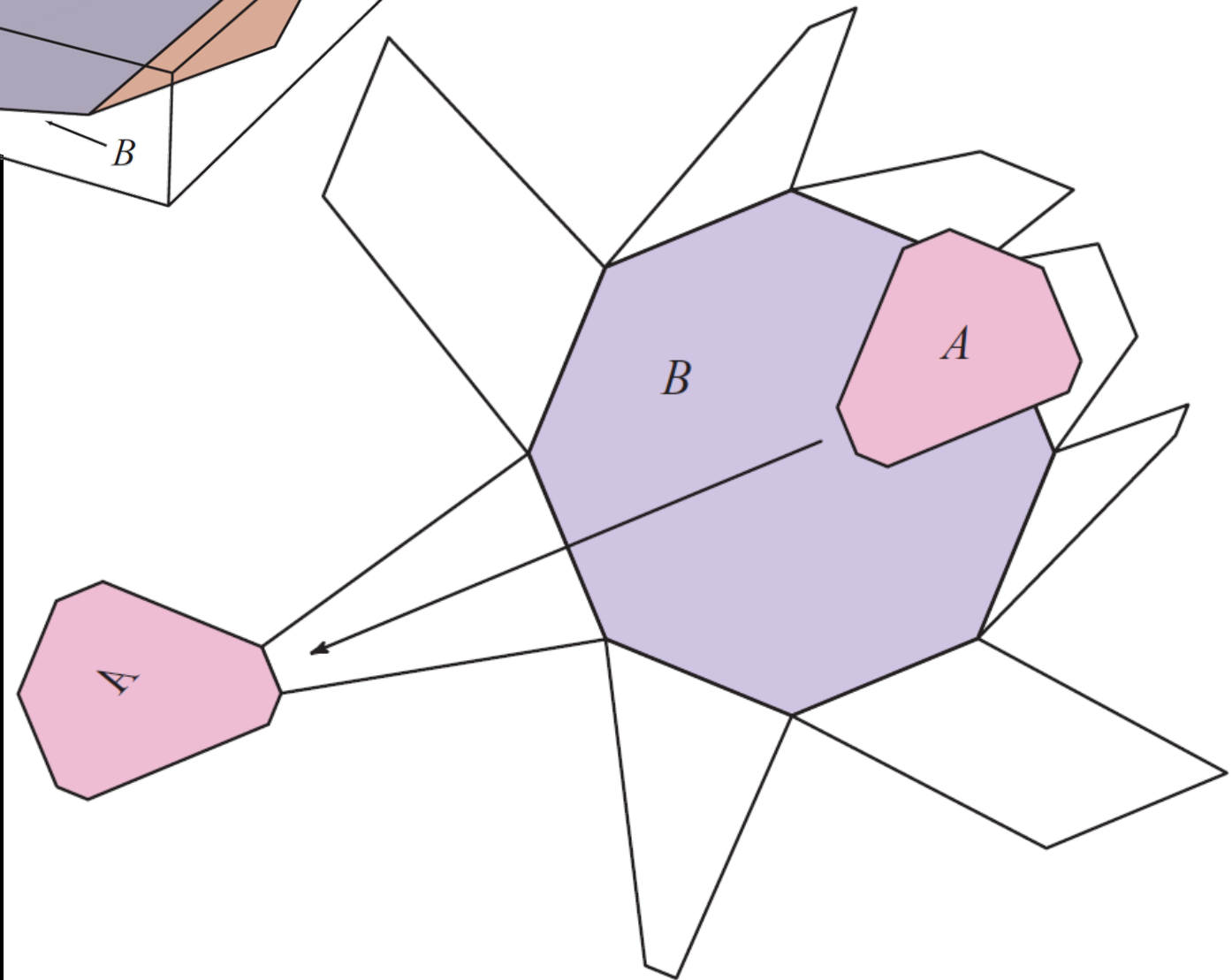
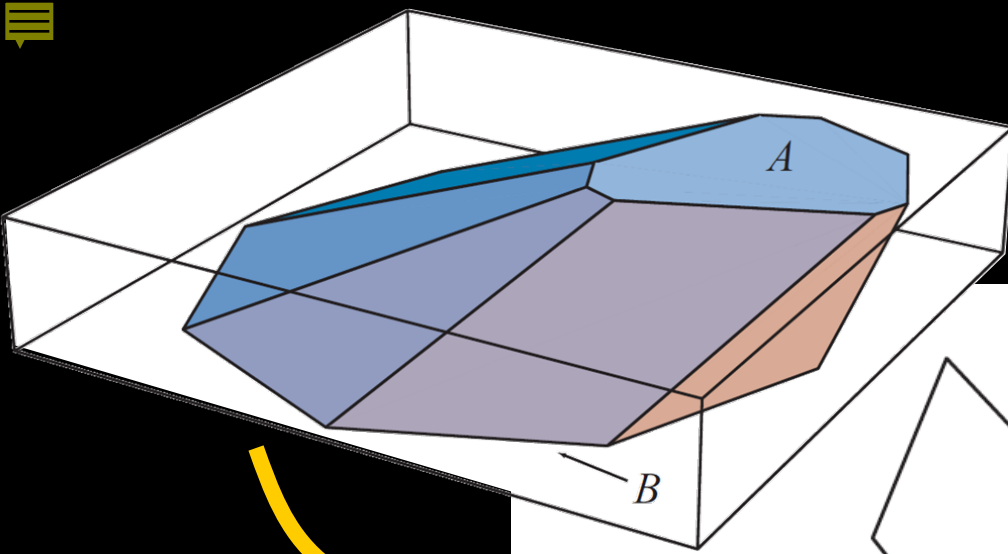




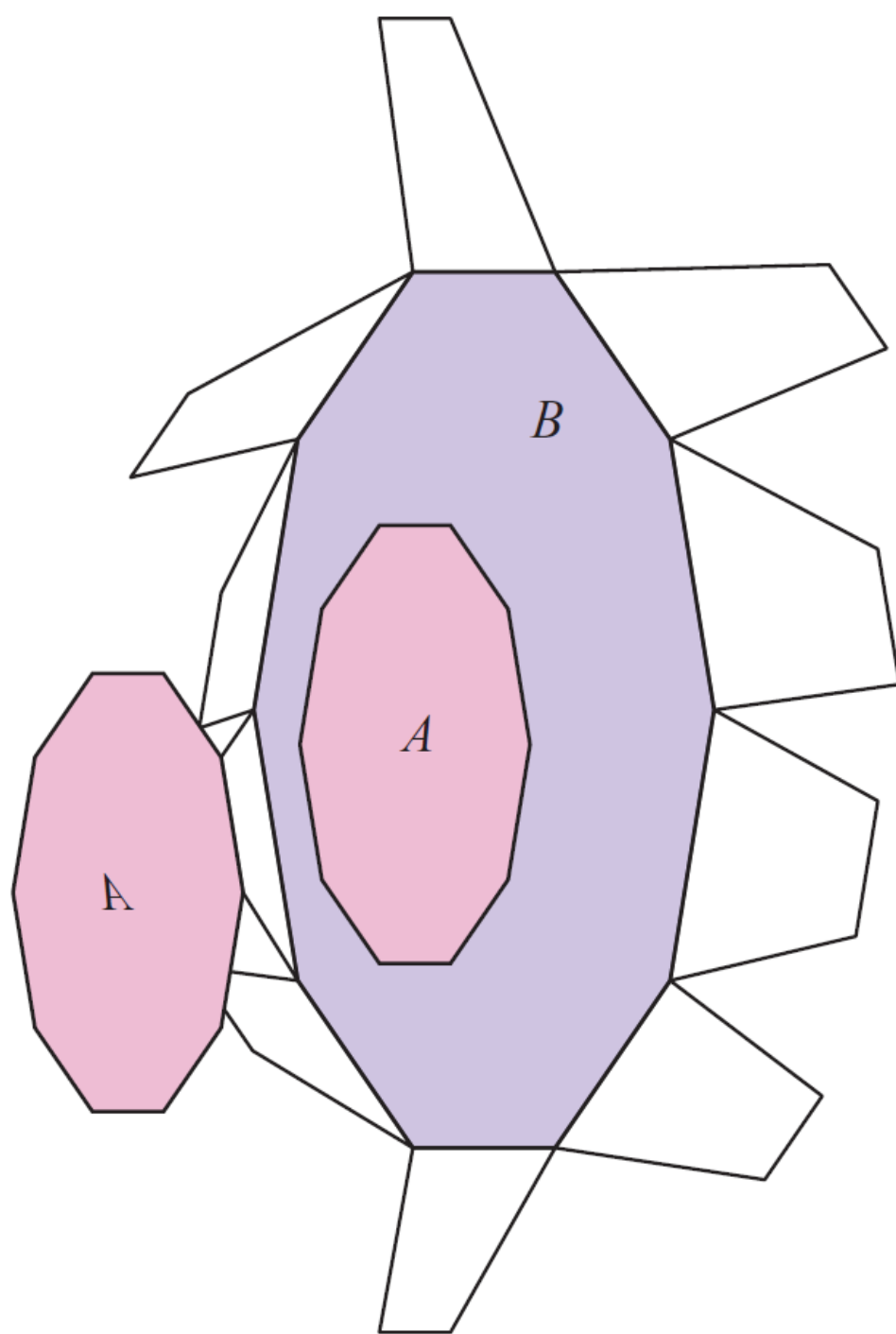
[Schevon 1989]



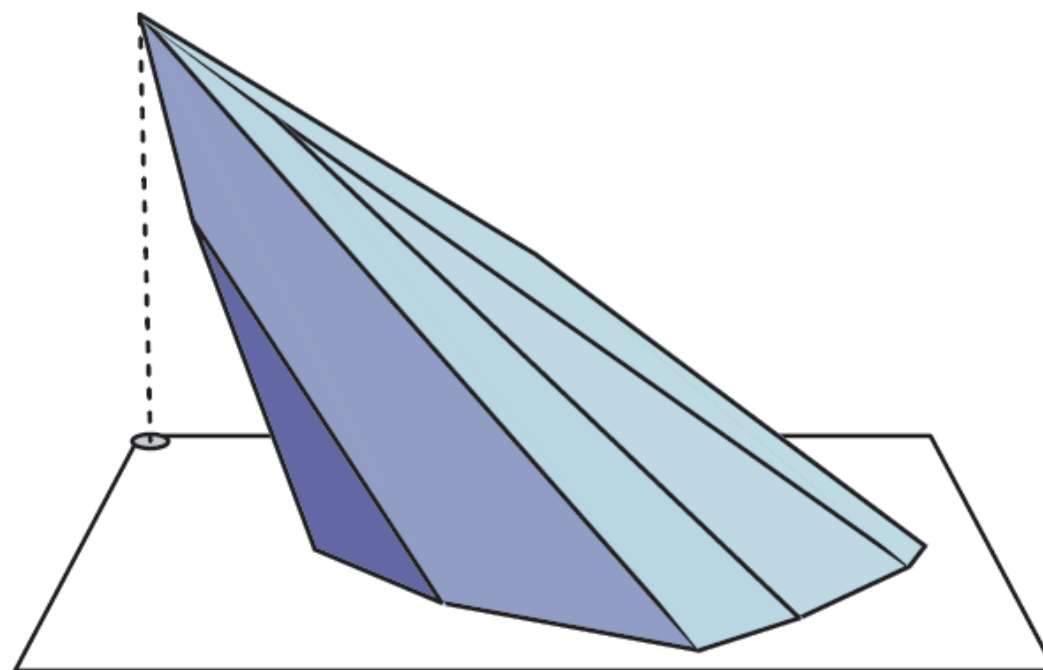
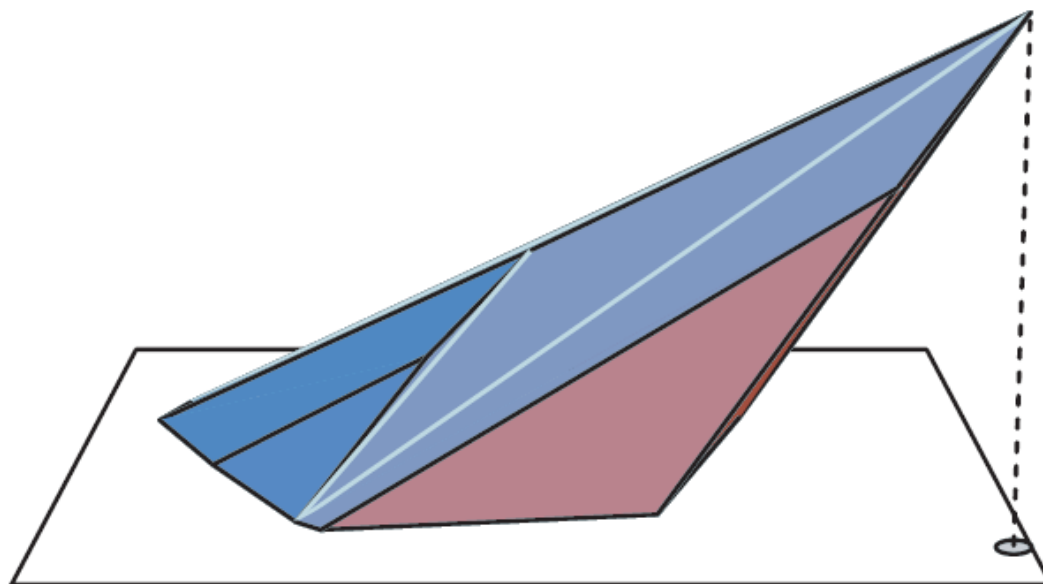




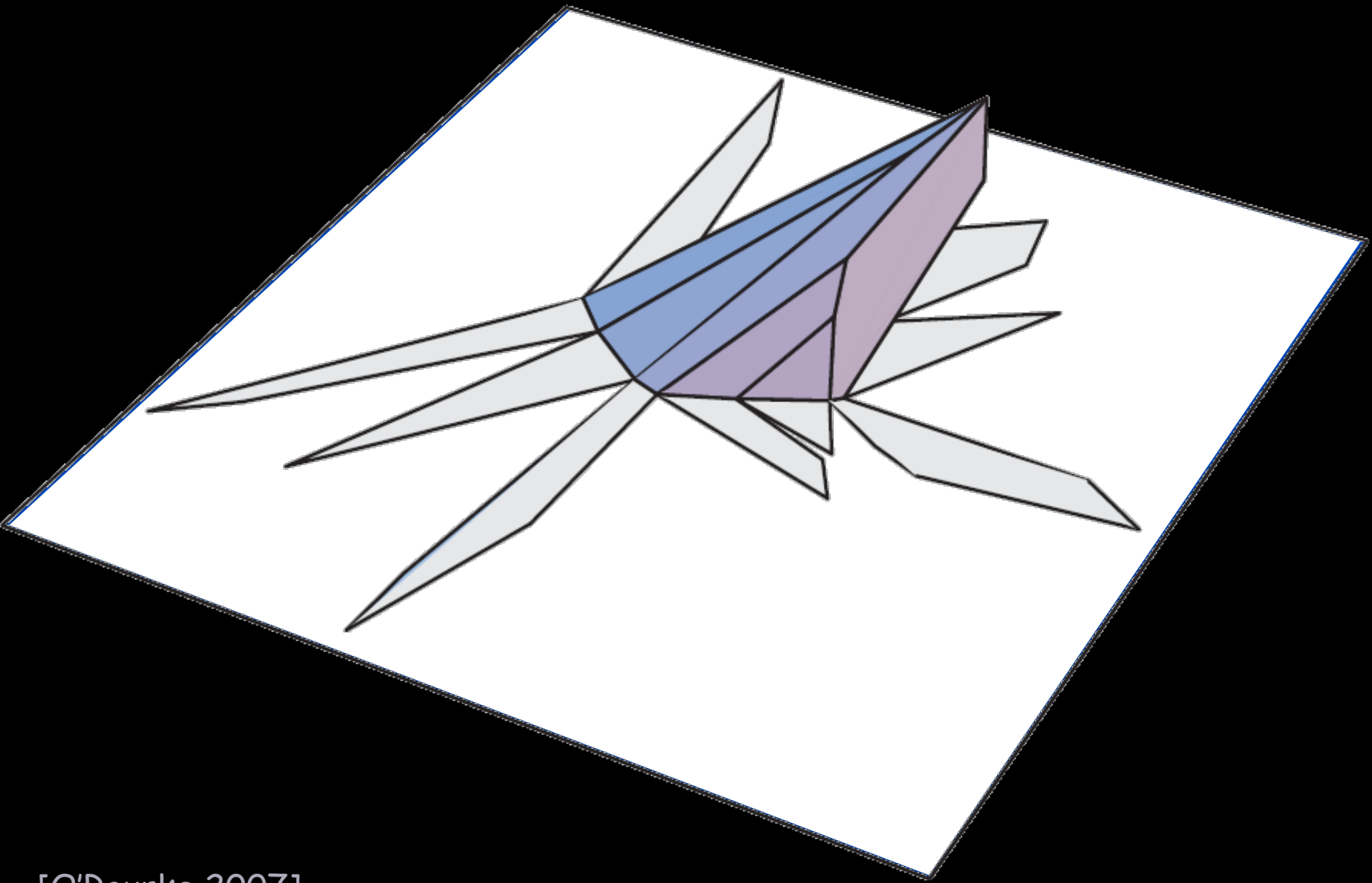
[O'Rourke 2001]



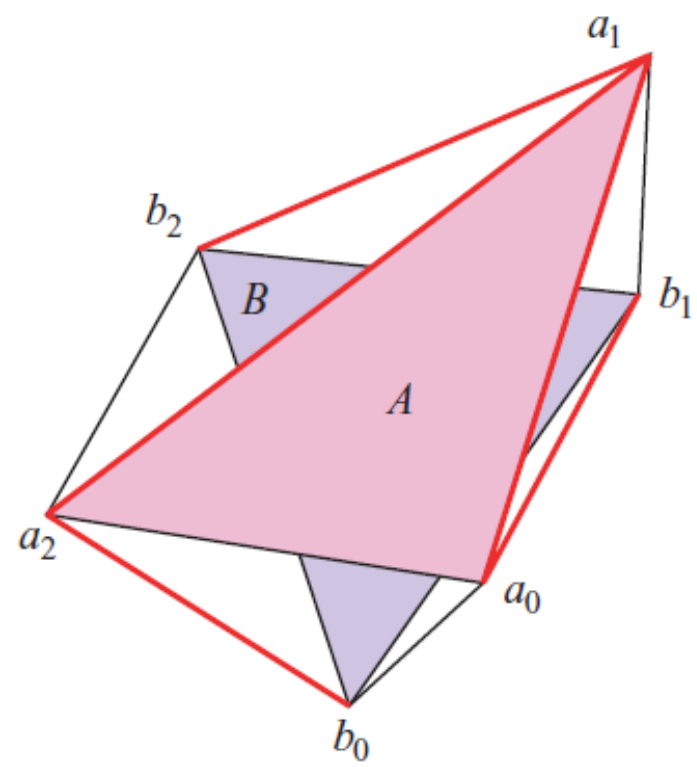
[O'Rourke 2001]



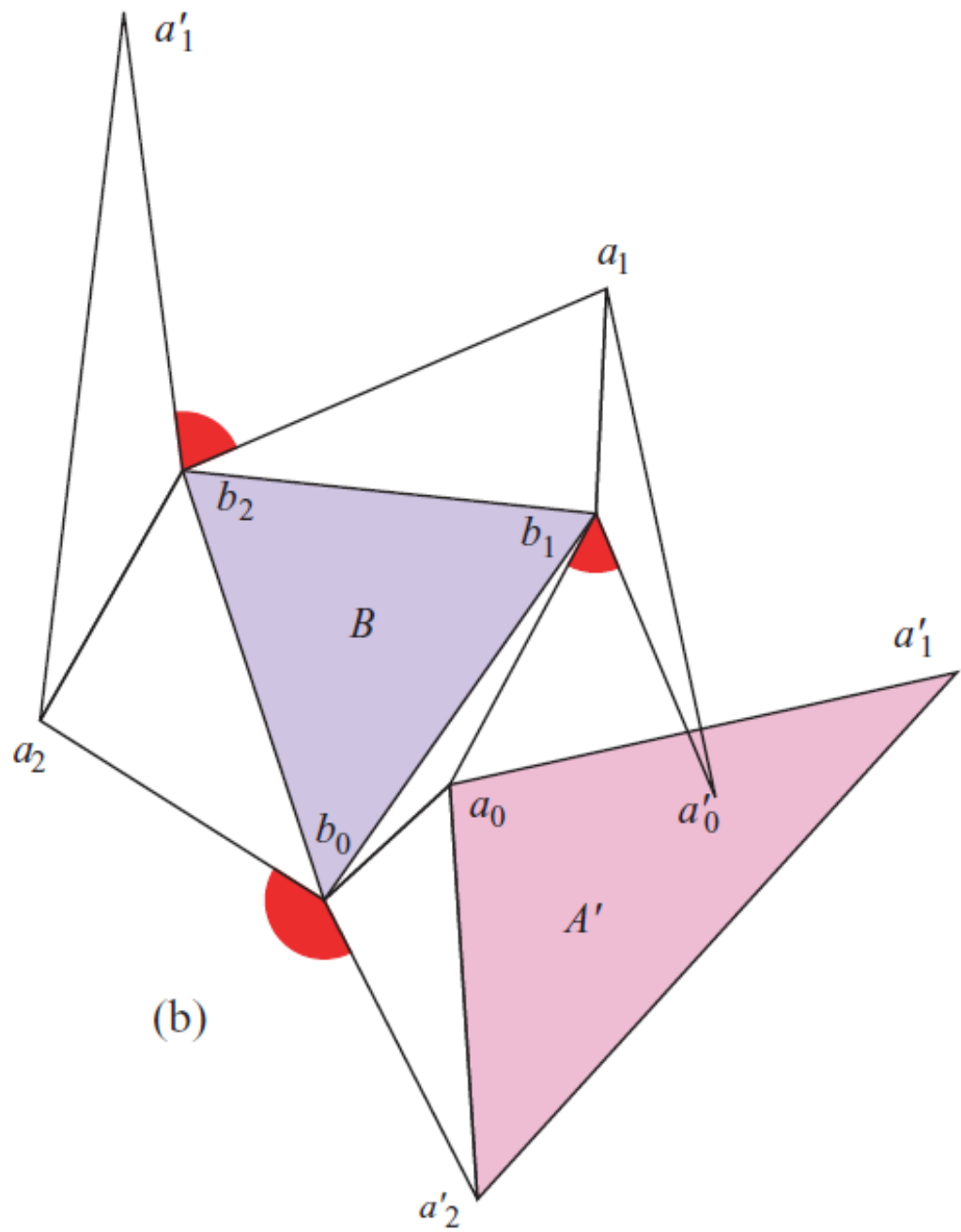
[O'Rourke 2007]



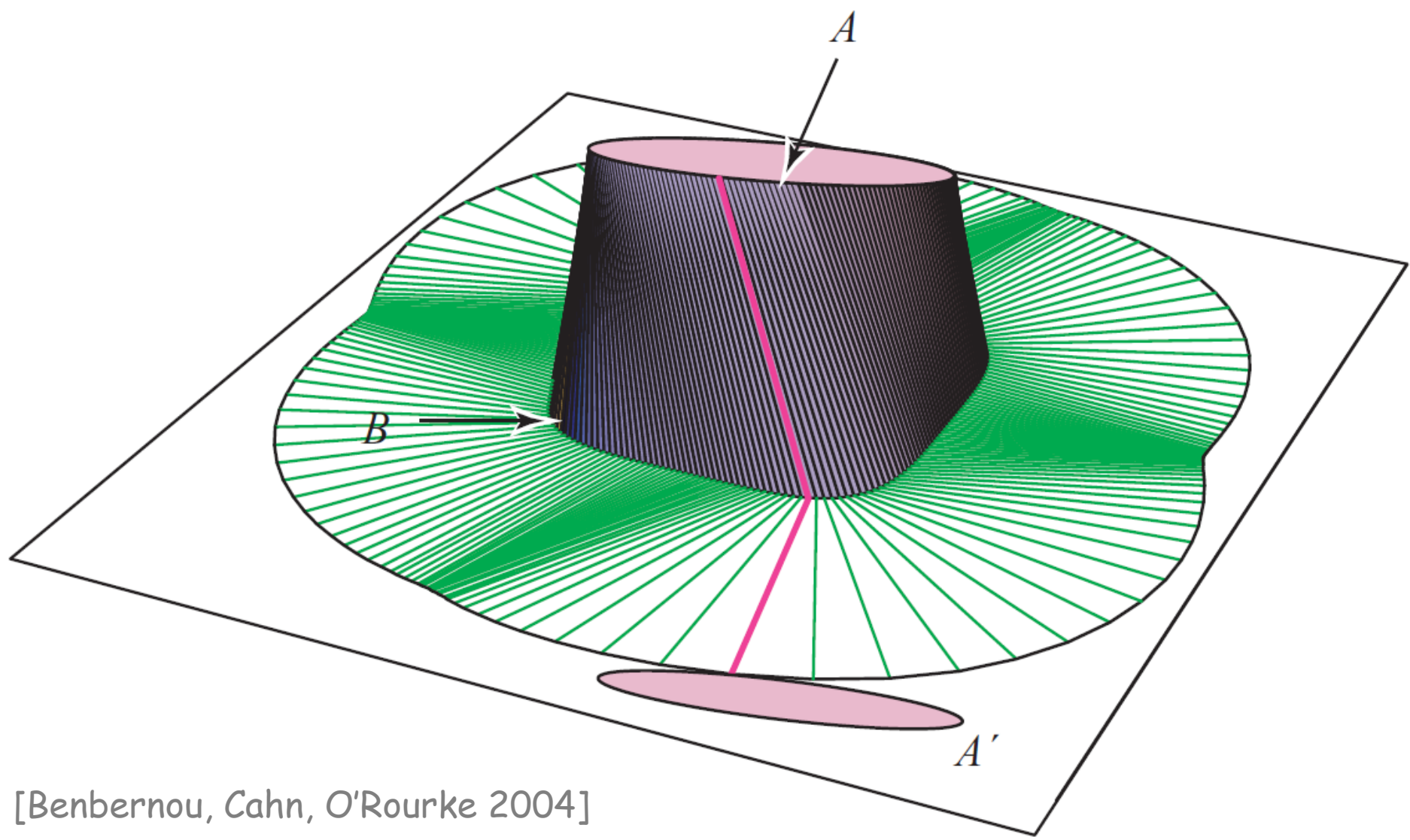
[O'Rourke 2007]



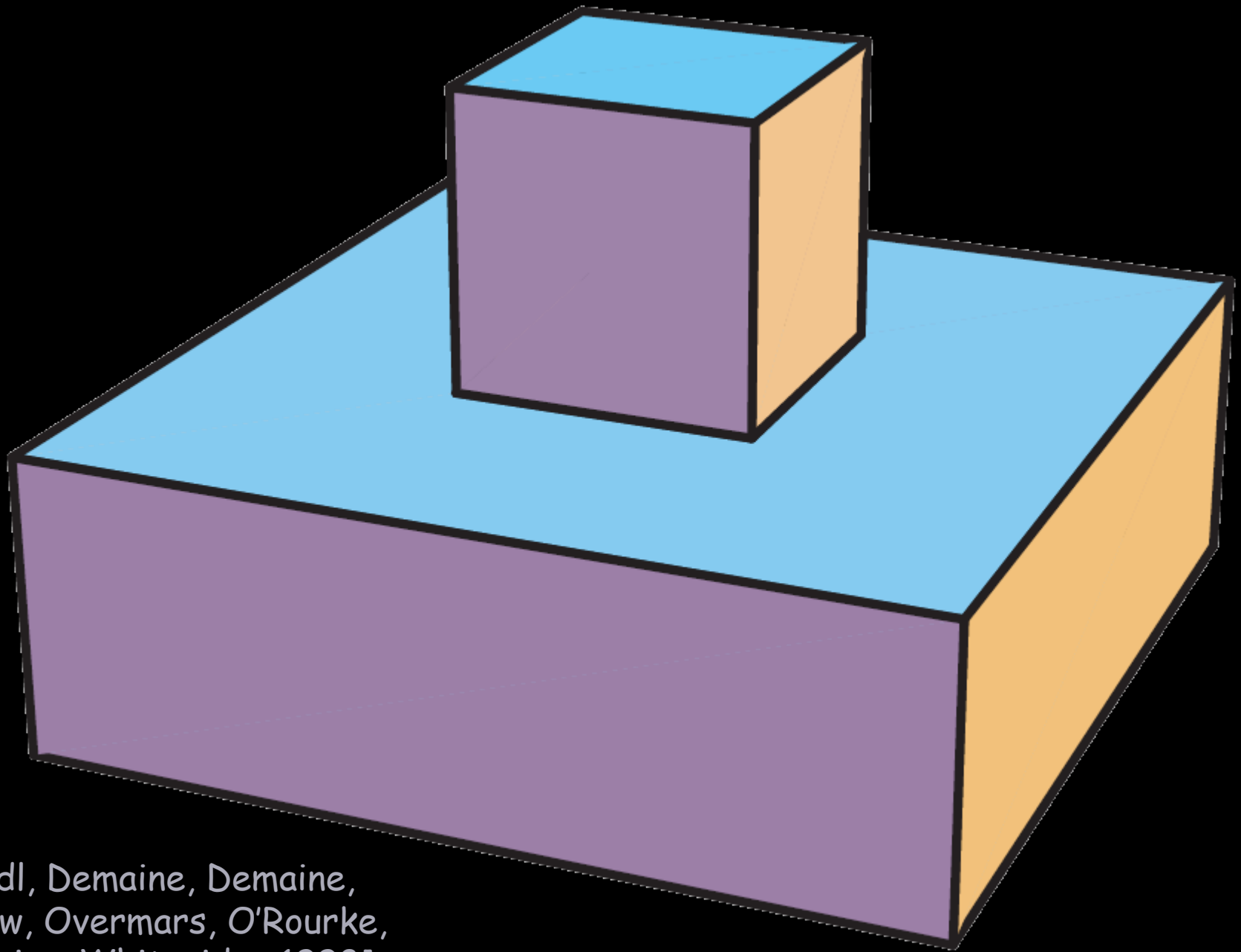
(a)



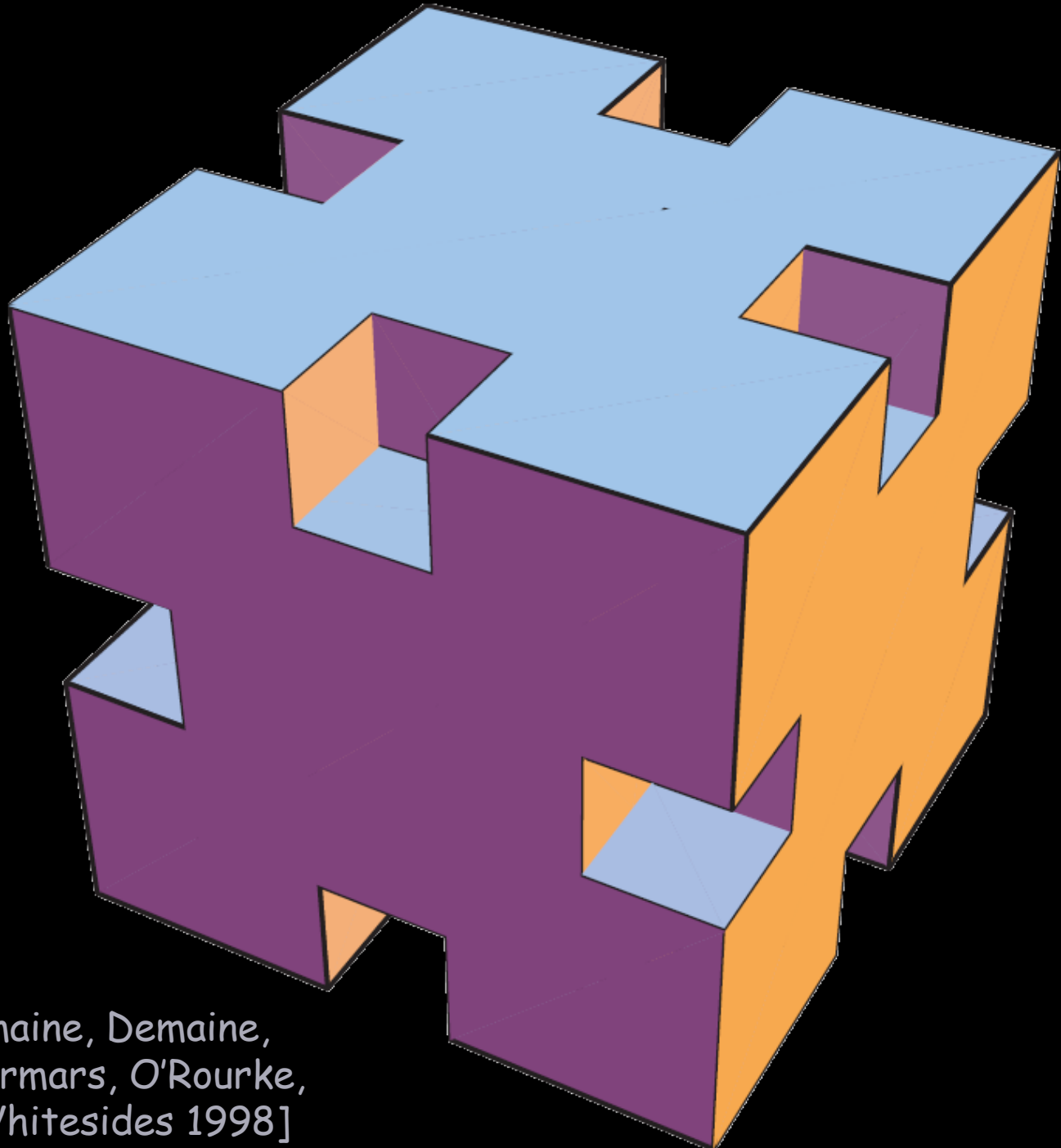
(b)



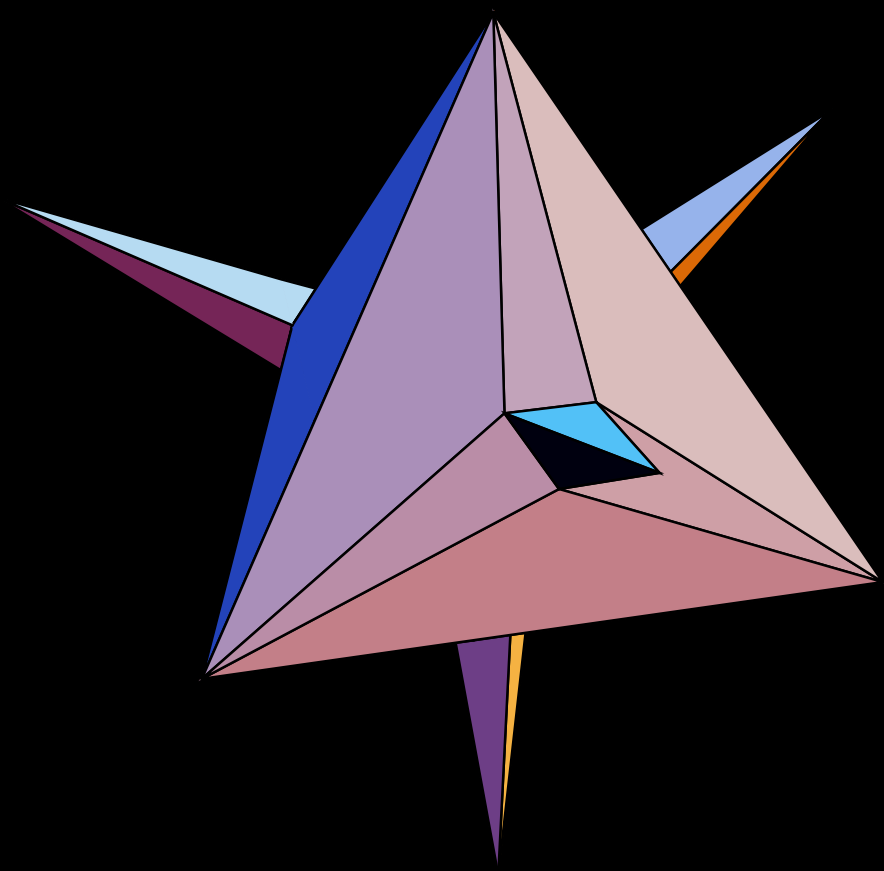
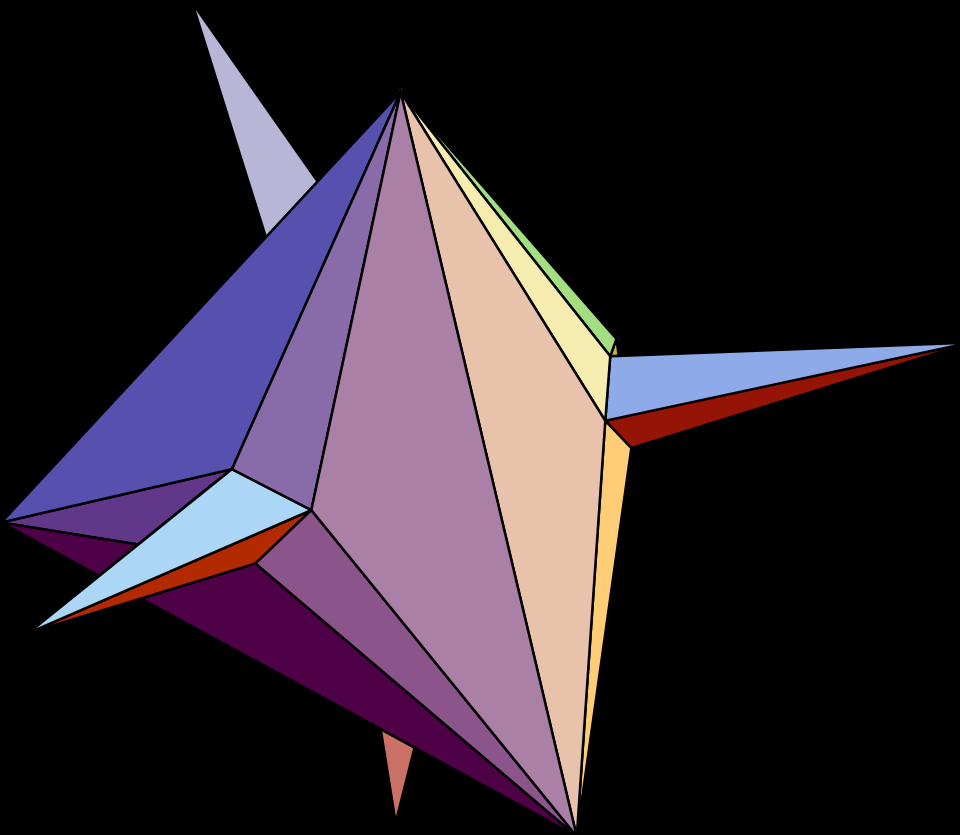
[Benbernou, Cahn, O'Rourke 2004]



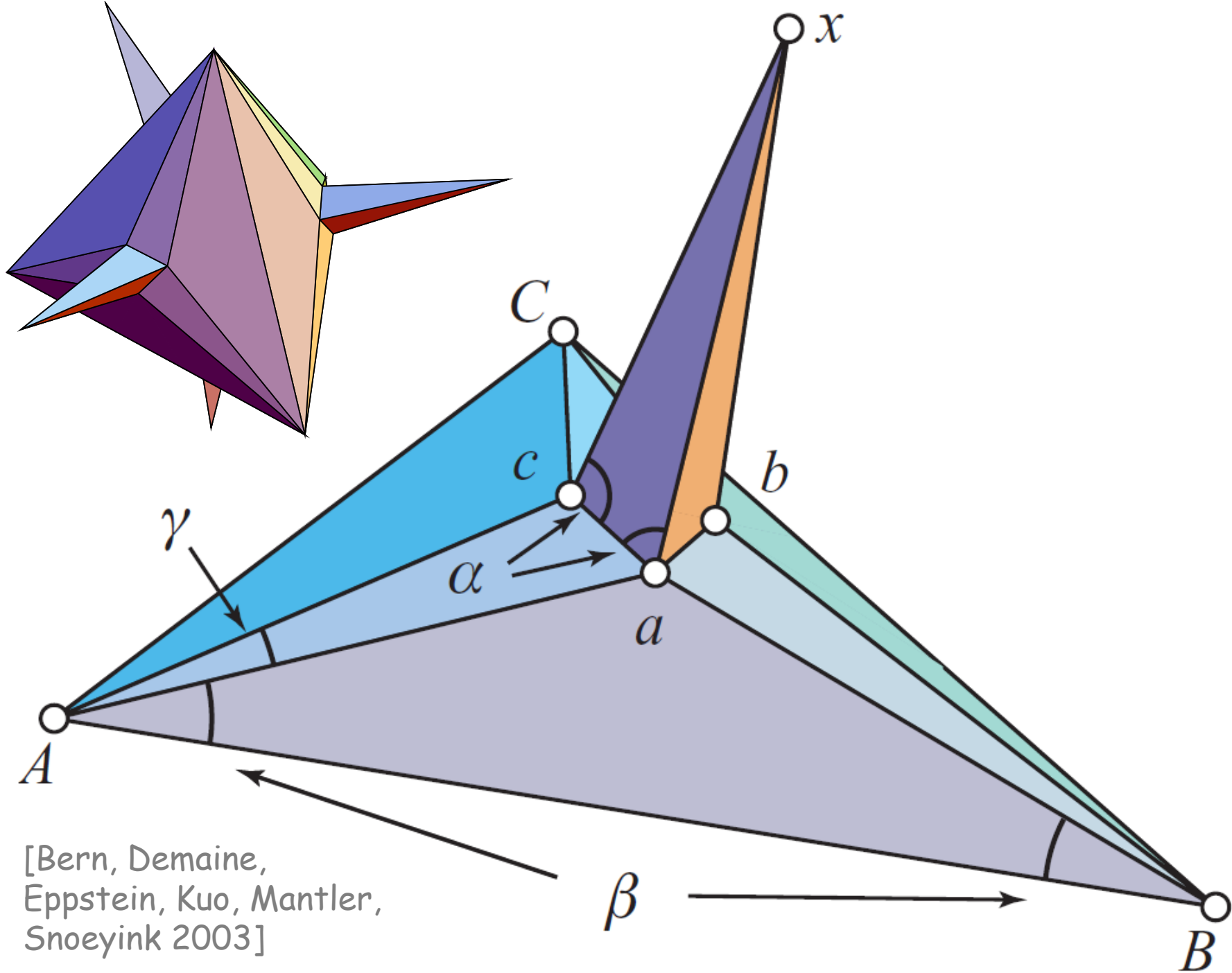
[Biedl, Demaine, Demaine,
Lubiw, Overmars, O'Rourke,
Robbins, Whitesides 1998]



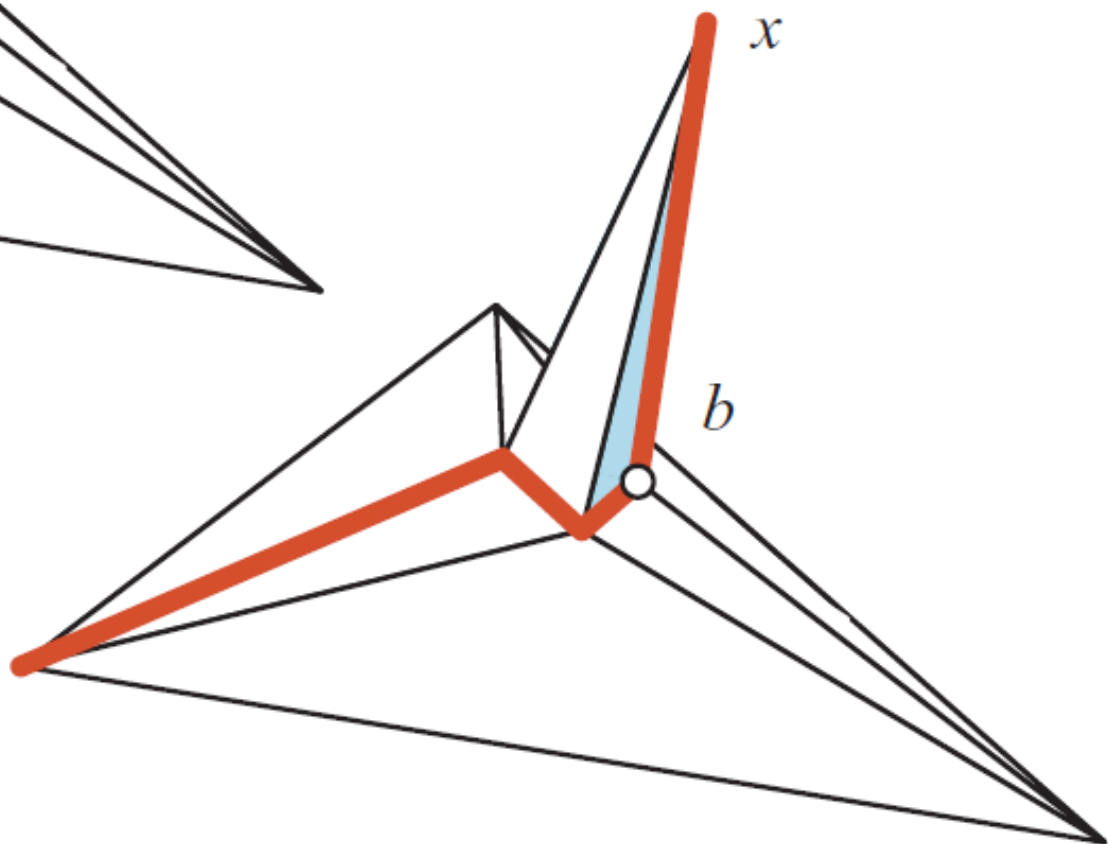
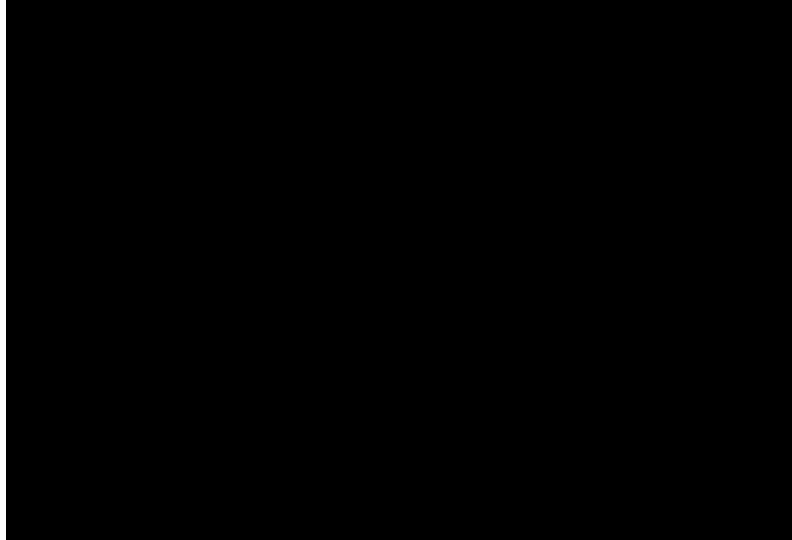
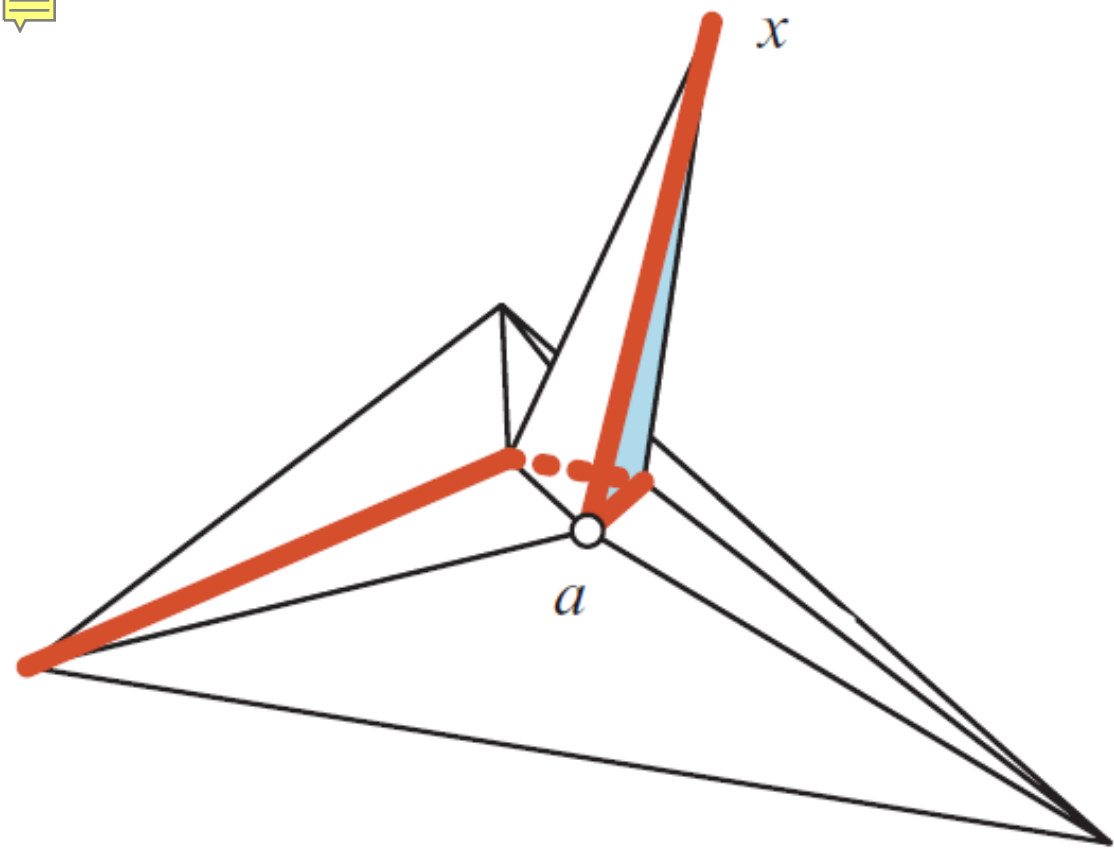
[Biedl, Demaine, Demaine,
Lubiw, Overmars, O'Rourke,
Robbins, Whitesides 1998]



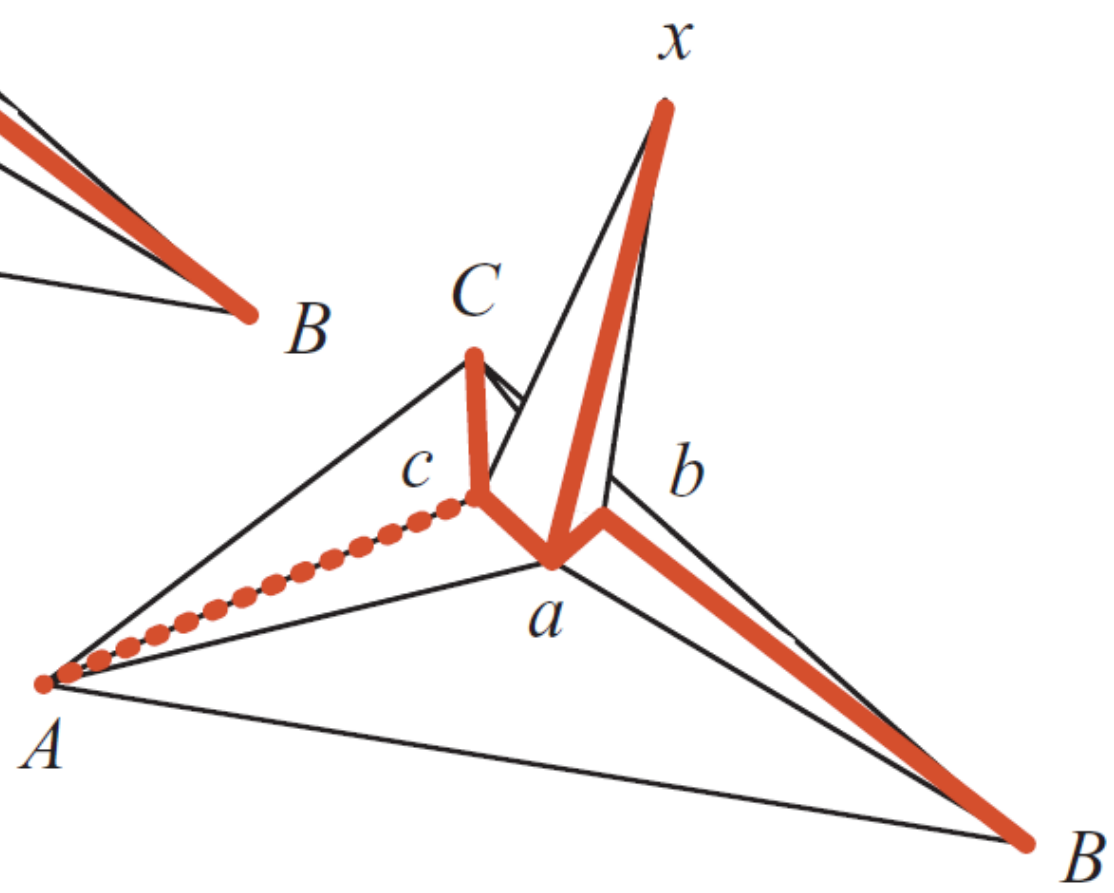
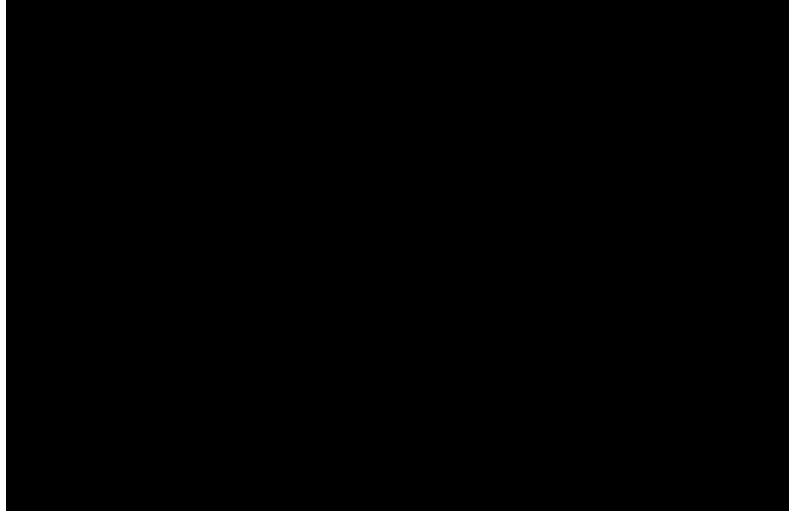
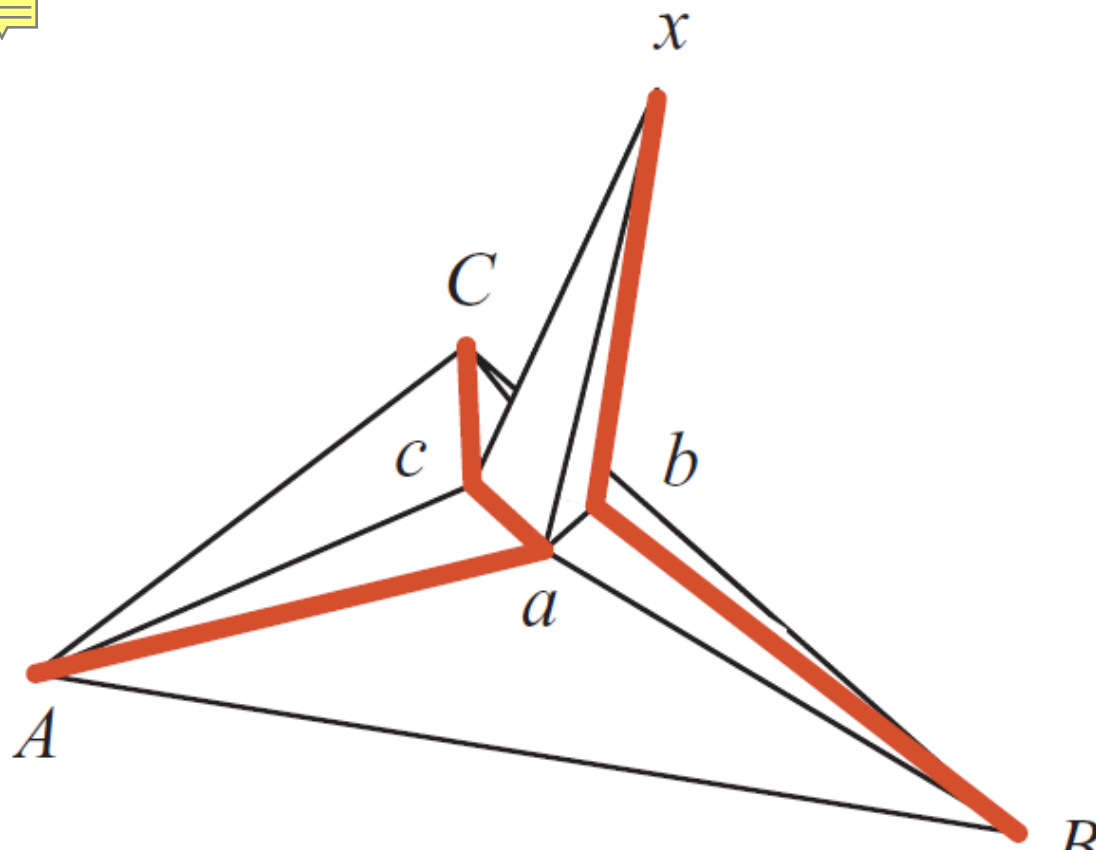
[Bern, Demaine, Eppstein, Kuo, Mantler, Snoeyink 2003]



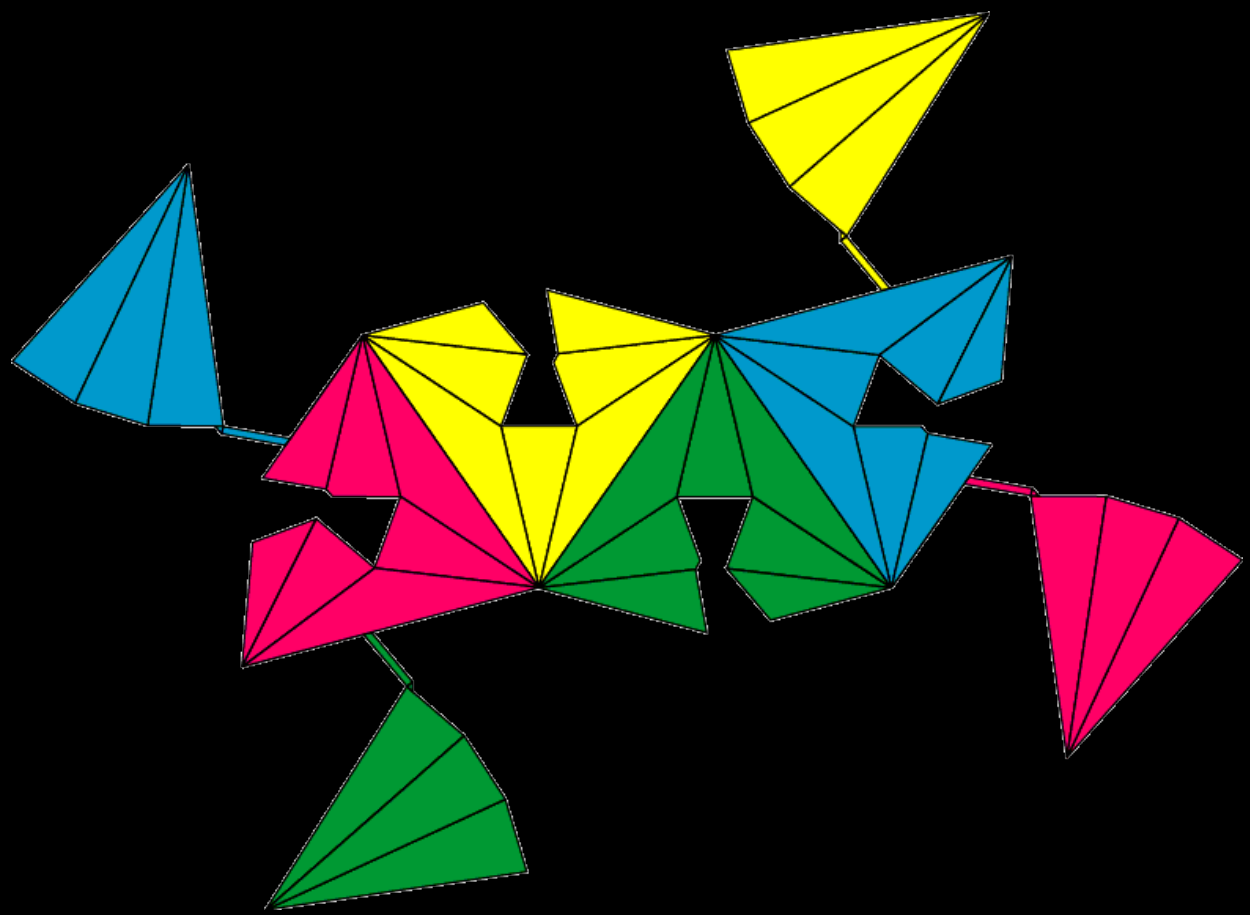
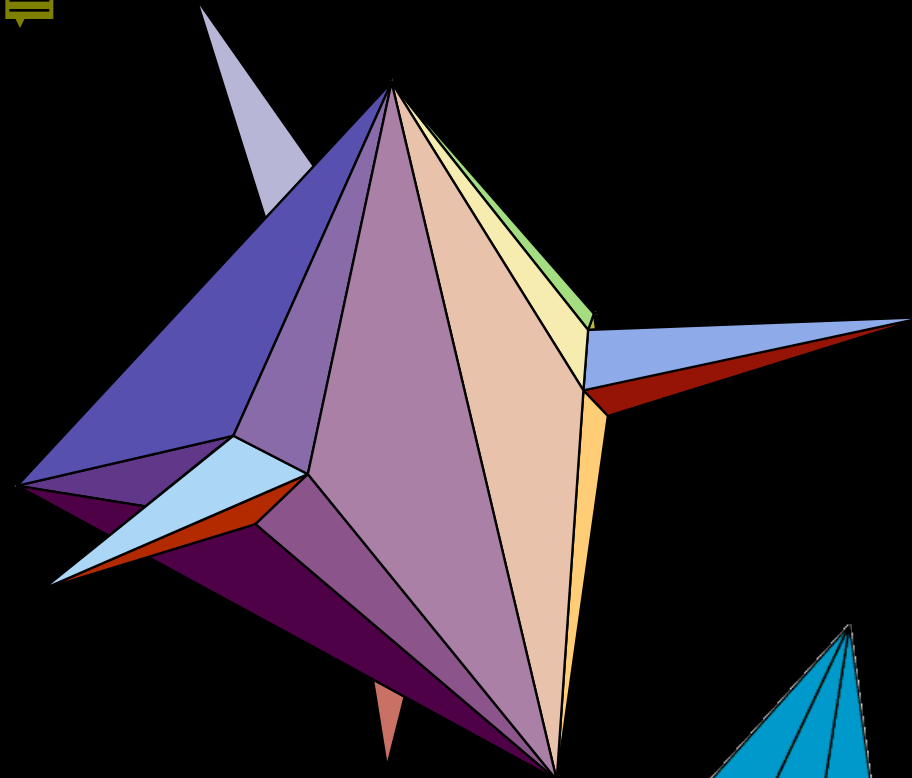
[Bern, Demaine,
Eppstein, Kuo, Mantler,
Snoeyink 2003]



[Bern, Demaine,
Eppstein, Kuo, Mantler,
Snoeyink 2003]



[Bern, Demaine,
Eppstein, Kuo, Mantler,
Snoeyink 2003]



[Bern, Demaine,
Eppstein, Kuo, Mantler,
Snoeyink 2003]