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Rolland Trapp* (rtrapp@csusb.edu). *Visualizing the geometry of fully augmented links.*

Hyperbolic fully augmented links (FALs) in the three-sphere are particularly useful. They can be constructed from two right-angled ideal octahedra, which makes their geometry is relatively tractable. Moreover all hyperbolic links are the result of Dehn filling FALs, so understanding the geometry of FALs sheds light on that of hyperbolic links in general. This talk presents animations that illustrate the transition from the topology of an FAL to its geometry. More precisely, we use animations in Maple to show how a cell decomposition of the Borromean rings can be transformed to a regular ideal octahedron. (Received August 31, 2019)