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**Francisco Santos, Tamon Stephen\*** (tamon@sfu.ca) and **Hugh Thomas**. *The width of 4-prismatoids.*

Santos' recent construction of a counterexample to the Hirsch conjecture highlights a particular 5-dimensional "prismatoid" polytope. We use the Euler characteristic to prove that there is no analogous 4-dimensional prismatoid. (Received September 22, 2011)