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**Ben Thompson\*** (b1t@bu.edu) and **Emma Previato**. *A New Poncelet Porism*.

A new construction for a Poncelet-type porism is presented. The set of planes tangent to a family of quadrics in 3-dimensional space is of a curve of genus one, just as the incidence correspondence of a plane conic and its dual in the classical case. In this new construction the translation on the curve is a suitably defined reflection of a tangent plane to another. We will sketch a proof of this inspired by the proof of the classical theorem given by P. Griffiths and J. Harris. Finally, we will highlight the fundamental differences between the constructions. (Received September 25, 2018)