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Matilde Marcolli*, Caltech, Mathematics Department, 1200 E California Blvd, Pasadena, CA 91125, and **Goncalo Tabuada**. *Motives of intersections of quadrics and the Feynman integral of the massive sunset graph.*

We prove that the Feynman quadrics-motive of the massive sunset graph is generically (in the mass parameters) not mixed-Tate. Moreover, we explicitly describe its extra complexity in terms of a Prym variety. (Received September 16, 2019)