

1135-51-835

Gabriel Merced Casiano* (gabriel.merced@upr.edu). *One of the easiest proof of the Pythagoras theorem.*

In this talk we provide an original and witty proof of the Pythagoras theorem. We came up to this proof at the very end of an ordinary Euclidean Geometry class, combining properties of cords in circles. Classical results of congruence and similarity of triangles are the only needed. At the moment we could not find this proof. (Received September 15, 2017)