

1143-53-224      **Mark Levi\*** ([levi.psu@gmail.com](mailto:levi.psu@gmail.com)), Mathematics Department, Penn State University, University Park, PA 16802. *Gaussian curvature, gyroscopic effects and the Jacobi fields.*

I will describe a surprising connection between the Gaussian curvature with the gyroscopic effect, and will explain this connection via Jacobi fields. (Received August 14, 2018)