

1172-51-208

**Jerzy Kocik\*** ([jkocik@siu.edu](mailto:jkocik@siu.edu)), Department of Mathematics, Mail Code 4408, Department of Mathematics, Mail Code 4408, Carbondale, IL 62901. *Spinors in the Apollonian geometry.*

Tangency spinors are defined for each pair of tangent disks in the Euclidean geometry. They may be considered as elements of the spinor space for the (2+1)-dimensional Minkowski space. A spectrum of their applications to the Apollonian disk packing will be presented. (Received August 29, 2021)