

A characterization of strictly convex 2-normed space

SAMOIL MALČESKI¹, KATERINA ANEVSKA², RISTO MALČESKI³

¹ Center for Research and Development of Education, Skopje, R. Macedonia

^{2,3} FON University, Faculty of Informatics, Skopje, R. Macedonia

samoil.malcheski@gmail.com, anevskak@gmail.com, risto.malceski@gmail.com

The terms of 2-norm and 2-normed space are given by S. Gähler in the paper [1]; the term of strictly convex 2-normed spaces is given by Ch. Diminnie, S. Gähler and A. White ([2]). In this paper a few characterizations of strictly convex 2-normed spaces are obtained.

REFERENCES

- [1] S. Gähler, *Lineare 2-normierte Räume*, Math. Nachr., Vol. 28 (1965), 1–42.
- [2] C. Diminnie, S. Gähler, A. White, *2-Inner Product Spaces*, Demonstratio Mathematica, Vol. VI, No 1 (1973), 525–536.