

TOPOLOGICAL SPACES WITH THE FREESE–NATION PROPERTY

ANDRZEJ KUCHARSKI
(JOINT WORK WITH JUDYTA BĄK)

ABSTRACT. The Freese-Nation property was introduced by R. Freese and J.B. Nation [1]. L. Heindorf and L.B. Shapiro [2] showed that a family of all clopen sets of 0-dimensional compact space X has the FNS property if and only if X is openly generated. We will present a proposal of properties related to Freese–Nation property and some relationship between these concepts.

REFERENCES

- [1] R. Freese and J. B. Nation, *Projective lattices*, Pacific Journal of Mathematics, 75 (1975), 93–106.
- [2] L. Heindorf, L. B. Shapiro, *Nearly Projective Boolean Algebras*, Lecture Notes in Math., vol. 1596, (1994).

ANDRZEJ KUCHARSKI, UNIVERSITY OF SILESIA IN KATOWICE, BANKOWA 14,
40-007 KATOWICE

Email address: `andrzej.kucharski@us.edu.pl`