

Math fact of the week

August 19, 2024

Theorem ([Bha09]). *If a group is the union of 7 proper subgroups, it is already the union of less than 7 proper subgroups. 7 is the smallest integer > 2 with this property.*

REFERENCES

- [Bha09] M. Bhargava. “Groups as Unions of Proper Subgroups”. In: *The American Mathematical Monthly* 116.5 (2009).