

Math fact of the week

April 1, 2024

Theorem (Sierpinski, [Sie20]). *A countable metric space with no isolated points is homeomorphic to \mathbb{Q} .*

REFERENCES

- [Sie20] W. Sierpiński. “Sur une propriété topologique des ensembles dénombrables denses en soi”. In: *Fundamenta Mathematicae* 1.1 (1920).

Email address: `leonard.tomczak@berkeley.edu`