



LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN

MATHEMATISCHES INSTITUT



Seminar: Brouwer's Fan Theorem

Schedule

4. August 2025, 12:30 - 18:00

B 101

Language: English

Presentations

- **M.H.** The Weak König Lemma (Kapitel 25.3 from [1])
- **J.B.** The Fan Theorem (Kapitel 25.4 from [1])
- **Z.C.** The Uniform Continuity Theorem (Kapitel 25.5 from [1])
- **Y.E.** The Fan Theorem for c-sets (Kapitel 25.6 from [1])
- **X.W.** Implementation of some parts of [1] in Agda

Literatur

- [1] Josef Berger. Brouwer's fan theorem. In *Handbook of Constructive Mathematics*, Encyclopedia of Mathematics and its Applications, page 700–712. Cambridge University Press, 2023.
<https://doi.org/10.1017/9781009039888.026>.