

Institut für Diskrete Mathematik

Combinatorics Seminar

26.06.2026, 12:30

Online meeting (Webex) & AE06, Steyrergasse 30

Disproof of the Odd Hadwiger conjecture

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(ETH Zürich)

We prove that there exist graphs which do not contain K_t as an odd minor and whose chromatic number is at least $(\frac{3}{2} - o(1))t$. This disproves, in a strong form, the odd Hadwiger conjecture of Gerards and Seymour from 1993.

Webex link:

<https://tugraz.webex.com/tugraz/j.php?MTID=m6449da69552289b0d7eef2d0d2a27197>

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