HADWIGER'S CONJECTURE

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Time: Thursday, Dec. 31st, 10:00 - 11:00
Zoom meeting ID: 658 280 04995   Password: 030303
Link: https://zoom.com.cn/j/65828004995

Abstract: Hadwiger's conjecture from 1943 states that for every integer $t \geq 1$, every graph either can be t-colored or has a subgraph that can be contracted to the complete graph on $t + 1$ vertices. This is a far-reaching generalization of the Four-Color Theorem and perhaps the most famous conjecture in graph theory. In this talk we will survey the history of Hadwiger's conjecture and the main ideas of recent results.