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Pointed Hurwitz-Brill-Noether Theory

Friday, 3 October 2025 10:00 (1 hour)

We study the geometry of Hurwitz–Brill–Noether spaces with imposed vanishing conditions at a totally ramified point. These spaces arise naturaly as degenerations of Hurwitz-Brill-Noether loci. Our methods significantly simplify the combinatorics involved in this study, and I will present some applications in low gonality. This is joint work with Richard Haburcak.

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