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Wednesday 20 November 2024 15:00 (1 hour)

Counting differentials combinatorially

I will present a couple of results about asymptotic enumeration of holomorphic differentials with periods in Z+iZ (square-tiled surfaces) and meromorphic differentials with periods in Z (integral metric ribbon graphs). These results were obtained by pure combinatorics, and it might be interesting to understand their algebraic meaning.