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## Dual grassmannians have equal girth

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We generalize Schäffer's dual girth conjecture, proved by Álvarez–Paiva, to grassmannians. Namely, we construct a natural Finsler metric on the higher grassmannians, and show that dual grassmannians have equal length spectra, as well as Holmes–Thompson volume. The proof makes use of the Hamiltonian action of the general linear group.

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