Title: Funk functions and constructions of dually flat Finsler metrics

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Dually flat Finsler metrics arise from α-flat information structures on Riemann–Finsler manifolds. Inspired by the theory of Funk functions and Hamel functions due to Li–Shen, we give a new approach to produce dually flat Finsler metrics in this paper. Moreover, we manufacture new dually flat spherically symmetric Finsler metrics by using the standard Euclidean norm on $\mathbb{R}^n$.

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