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## Light meson decay constants from Möbius domain-wall fermions on gradient flowed HISQ ensembles

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We update our previous results and also determine  $F_K$  and  $F_{\pi}$  separately using Möbius domain-wall fermions computed on gradient-flowed  $N_f = 2 + 1 + 1$  highly-improved staggered sea-quark ensembles. We use five values of the pion mass ranging from  $130 \le m_{\pi} \le 400$  MeV, four lattice spacings of a  $\sim 0.15$ , 0.12, 0.09, 0.06 fm and multiple lattice volumes. The physical point, continuum, and finite-volume extrapolations are performed with relevant mixed-action effective field theory expressions.

## **Topical** area

Quark and Lepton Flavor Physics

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