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The gradient flow running coupling in SU2 with 8 flavors

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We present preliminary results of the gradient flow running coupling with Dirichlet boundary condition in the SU(2) gauge theory with 8 fermion flavors. Improvements to the gradient flow measurement allow us to obtain a robust continuum limit. The results are consistent with perturbative running in the weak coupling region and show slow running at strong coupling.

Primary author: Dr RANTAHARJU, Jarno (Riken Advanced Institute for Computational Science)

Co-authors: Prof. RUMMUKAINEN, Kari (Department of Physics and Helsinki Institute of Physics, University of Helsinki); Dr TUOMINEN, Kimmo (Department of Physics and Helsinki Institute of Physics, University of Helsinki); Mr RANTALAIHO, Teemu (Department of Physics and Helsinki Institute of Physics, University of Helsinki); Dr KARAVIRTA, Tuomas (CP3 -Origins, IFK & IMADA, University of Southern Denmark); Mr LEINO, Viljami (Department of Physics and Helsinki Institute of Physics, University of Helsinki)

Presenter: Dr RANTAHARJU, Jarno (Riken Advanced Institute for Computational Science)

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