

Solving a Higgs optimization problem with quantum annealing for machine learning

Alex Mott^{1◦}, Joshua Job², Jean-Roch Vlimant¹, Daniel Lidar³, and Maria Spiropulu^{1*}

¹Department of Physics, California Institute of Technology, Pasadena, 91125, USA

²Department of Physics, and Center for Quantum Information Science & Technology, University of Southern California, Los Angeles, California 90089, USA

³Departments of Electrical Engineering, Chemistry and Physics, and Center for Quantum Information Science & Technology, University of Southern California, Los Angeles, California 90089, USA

[◦]Now at DeepMind

^{*}smaria@caltech.edu

EXTENDED DATA

Extended Data: <https://www.dropbox.com/s/gdhnjw1q4mz6xhp/csvs.zip?dl=0>