

DISSERTATION

End to end optimization in a search for
boosted Higgs boson pair production in
the $bbbb$ final state via
vector-boson-fusion (VBF) production
using the run 2 dataset with the ATLAS
detector

For the attainment of the academic degree doctor rerum naturalium

(Dr. rer. nat.) in the subject: Physics

M.Sc. Frederic Renner

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Faculty of Mathematics and Natural Sciences of the Humboldt
University of Berlin

1st Supervisor: Dr. Clara Elisabeth Leitgeb

2nd Supervisor: Prof. Dr. Cigdem Issever

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Chapter 1

Introduction

Some text here with [1] citations.

Bibliography

- [1] T. M. Atanackovic and A. Guran, *Theory of elasticity for scientists and engineers* (Springer Science & Business Media, 2012).

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