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MACHINE LEARNING FOR PARTICLE

IDENTIFICATION &

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FAST SIMULATIONS FOR THE ALICE

TRANSITION RADIATION DETECTOR AT

CERN



Christiaan Gerhardus Viljoen

Department of Statistics || Department of Physics Faculty of Science

University of Cape Town

This thesis is submitted in partial fulfilment of the Degree of Master of Science ${\bf Supervised\ by:\ Dr\ Thomas\ Dietel}$

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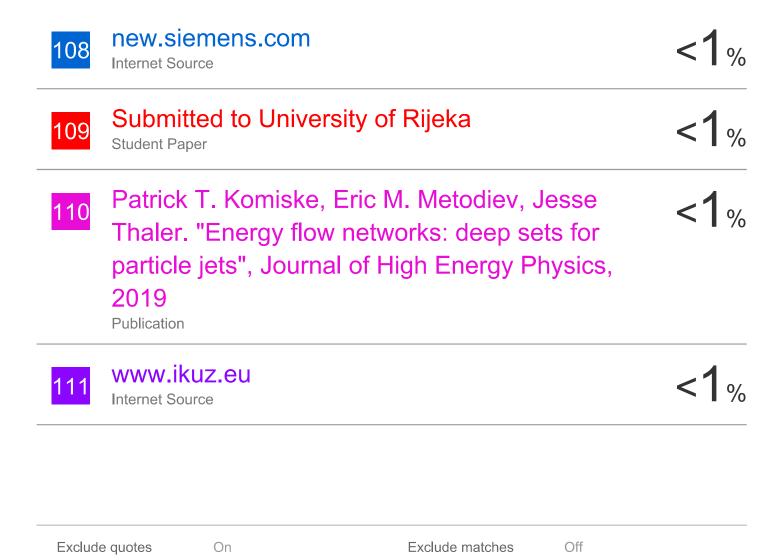
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