Unterschrift des Betreuers

Titel Diplomarbeit

Pure mathematics is on the whole distinctly more useful than applied. For what is useful above all is technique, and mathematical technique is taught mainly through pure mathematics.

> London 1941 G. H. HARDY

Diplomarbeit

im Fachgebiet Atom- und Plasmaphysik vorgelegt bei Univ.-Prof. Mag.rer.nat. Dipl.-Ing. Dr.techn. Friedrich Aumayr am Institut f \tilde{A}^1_4 r Angewandte Physik in der Arbeitsgruppe Aumayr an der Technischen Universitt Wien

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TECHNISCHE UNIVERSITT WIEN

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Abstract

A cool abstract

List of publications

Introduction Chapter

1.1 Fusion vs. Fission

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Experimental setup

2.1 Modified setup

Sputter processes on surfaces

3

3.1 Physical sputtering

3.2 Simulation with BCA calculations

3.3 Measuring the sputter yield

Conclusion Chapter

Chapter 5

Appendix

Bibliography