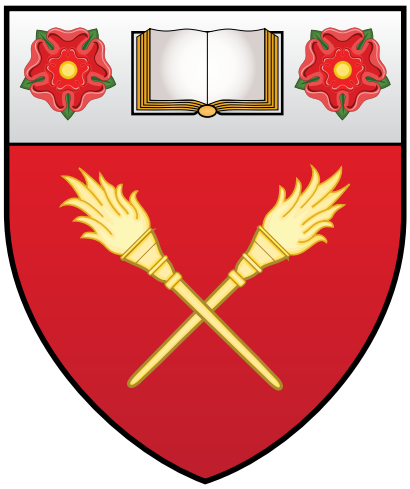
Dislocation Based Modelling of Fusion Relevant Materials.



Daniel Celis Garza

University of Oxford

Harris Manchester College

Department of Materials

Supervisors: Edmund Tarleton & Angus Wilkinson

A thesis submitted for the degree of

Doctor in Philosophy

Trinity Term 2020

Dedication

Acknowledgements

Contents

List of Figures

List of Tables

Glossary

Symbols | **P** | **T**

Symbols

e

: Euler's number defined as $\lim_{n\to\infty}\left(1+\frac{1}{n}\right)^n$. 1, 3

P

π

: Ratio of circumference of circle to its diameter. 1, 2

T

tensor

: Geometric object that describes linear relations between geometric vectors, scalars and other tensors. They are generalisations of scalars (no indices), vectors (one index) and matrices (two indices) to n indices. 1, 4

Chapter 1

Long chapter name: Level 0

1.1 Long section name: Level 1

1.1.1 Long subsection name: Level 2

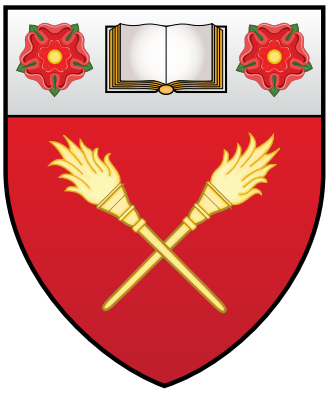
1.1.1.1 Long subsubsection name: Level 3

Demonstration of user defined macro for keywords. π, e, tensor, [1].

Table 1.1: Booktabs test table long description.

$ABCD$	ABCD	**ABCD**	$\boldsymbol{ABCD}$	$\mathcal{ABCD}$	$\mathfrak{ABCD}$	$\mathbb{ABCD}$
Normal	`\mathrm`	`\mathbf`	`\bm`	`\mathcal`	`\mathfrak`	`\mathbb`

(a) Oxford University logo.



(b) Harris Manchester logo.

Figure 1.1: Test figure long description.

Testing cleveref's capabilities. Table `\cref{t:1}`, table 1.1. Figure `\cref{f:1}`, fig. 1.1. Subfigures `\cref{f:sf:1,f:sf:2}`, figs. 1.1a and 1.1b.

roman pages

Chapter 2

2

π [1].

roman pages

Chapter 3

3

e [1].

roman pages

Chapter 4

4

tensor, [1].

roman pages

Bibliography

[1] George D. Greenwade. The Comprehensive Tex Archive Network (CTAN). *TUGBoat*, 14(3):342–351, 1993.

Index