

### Thesis Title

sub-title

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Doctoral Thesis Stockholm, Sweden, 2020

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TRITA-EECS-AVL-2020:4
SE-10044 Stockholm
ISBN 100-Sweden

Akademisk avhandling som med tillstånd av Kungl Tekniska högskolan framlägges till offentlig granskning för avläggande av Teknologie doktorexamen i elektroteknik fredagen den 18 januari 2020 klockan 14.00 i Sal F3, Lindstedtsvägen 26, Kungliga Tekniska Högskolan, Stockholm.

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#### Abstract

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Keywords: Lorem, Ipsum, Dolor, Sit, Amet

#### Sammanfattning

# List of Papers

I Title of paper
First author, Second author
Journal (year)

Other contributions by the author not included in the thesis.

II Title of paper
First author, Second author
Journal (year)

## Acknowledgement

# Acronyms

List of commonly used acronyms:

**AE** Acronym examples

VAE Variational Autoencoder

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# Energy needs - an introduction

Here is an example for referencing figure 1.1. Example of citing [1] and [2].

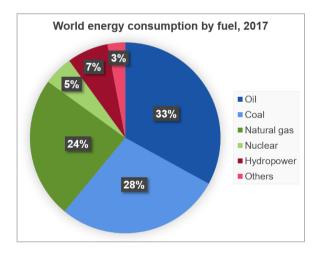


Figure 1.1: The world's energy consumption by fuel in 2017.

#### 1.1 Section

Example of a table

Table 1.1: List of experimental tokamaks worldwide. Note: ITER is currently under construction and the first plasma is predicted for 2025-2028.

Name	Location	B-field	Major/minor radius
JET	England	4.0 T	3.0 m / 1.3 m
ITER	France	$5.3 \mathrm{\ T}$	$6.2~\mathrm{m}$ / $2.0~\mathrm{m}$
$\overline{AUG}$	Germany	3.1 T	$1.7~\mathrm{m}~/~0.7~\mathrm{m}$
WEST	France	$3.7 \mathrm{~T}$	$2.5~\mathrm{m}~/~0.5~\mathrm{m}$
TCV	Switzerland	$1.5 \mathrm{\ T}$	$0.9 \; \mathrm{m} \; / \; 0.3 \; \mathrm{m}$
DIII-D	USA	$2.2 \mathrm{\ T}$	$1.7 \; \mathrm{m} \; / \; 0.7 \; \mathrm{m}$
TFTR	USA	$6.0~\mathrm{T}$	$2.5 \; \mathrm{m} \; / \; 0.9 \; \mathrm{m}$
JT-60	Japan	$4.0 \mathrm{\ T}$	3.4  m / 1.0  m
K-STAR	South Korea	$3.5 \mathrm{T}$	$1.8~\mathrm{m}~/~0.5~\mathrm{m}$
EAST	China	$3.5 \mathrm{~T}$	$1.9~{ m m}~/~0.5~{ m m}$

## Chapter 2

## Summary of the included papers

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### 3.1 Paper I - ...

### Discussion and conclusions

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#### 4.1 Conclusions

### Personal reflections

## References

- [1] BP Statistical Review of World Energy, ed. 68th, accessed 2019-09-26. BP, 2019.
- [2] F. Chen, Introduction to Plasma Physics and Controlled Fusion. Springer, Switzerland, third edition ed., 2016.