

# **Ultrafast Dynamics of Nanoparticles in Highly Intense X-Ray Pulses**

Maximilian Jakob Bucher

2016



# Contents

<b>1</b>	<b>Fundamental Concepts</b>	<b>9</b>
1.1	FEL . . . . .	9



## List of Figures



## List of Tables





# **1 Fundamental Concepts**

## **1.1 FEL**

## *1 Fundamental Concepts*

test...