

# MASTERARBEIT

## Titel der Arbeit

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Hiermit versichere ich, dass ich die vorliegende Masterarbeit selbständig verfasst und keine anderen als die angegebenen Quellen und Hilfsmittel verwendet habe.

München, den 1. Januar 2099

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(*Unterschrift des Kandidaten*)



## Abstract

[illegible]





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# 1 Einleitung

Wir zitieren hier die Quellen [AT06], [ADI<sup>+</sup>12], [BMS07], [BM04], [BCM02], [DWM10], [HP94], [LC86], [Mit02], [Naf05], [QLC14], [RK14], [SS11], [SBE<sup>+</sup>12], [Sch13], [SW14], [STT<sup>+</sup>09], [WDS15], [YL02], [Zha12], [ZJW04], die in der Datei `bibliography.bib` stehen.



## **2 Background**

### **2.1 Bloom Filter Operations and Variants**

#### **2.1.1 Attenuated Bloom Filter**

[SS11]: 316 u. 318.

### **2.2 Mathematic Principles**

### **2.3 Query Processing and Index Structures in Database Systems**

[OW12]

#### **2.3.1 B-Trees**

[Knu98]

#### **2.3.2 R-Trees**

#### **2.3.3 R\*-Trees**

#### **2.3.4 Heaps**

### **2.4 AMBIENCE**

[WDS15].



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