Titel der Ausarbeitung

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***Zusammenfassung*—**

***Abstract*—**

I. EINFï¿½HRUNG

In nature the ability to hear, or in other words the ability to gain informations about your environment by sound processing is an essential skill for many animals as well as for humans. Whether it is for hunting prey, for communication or for drawing attention to potential threads, audition can help solving a variety of different tasks. It's reasonable to assume that an auditory system could improve the performance of autonomous car driving as well given that humans already using this ability in car traffic most of the time. Each car has a horn and it's an important tool for police, fire and rescue services in many countries who are using them officialy to indicate an energency. Informations such as the road character, the condition of your car, ' squealing tires' could be obtained by an auditory system to improve the decision making for autonomous driving.

II. GRUNDLAGEN

A. Modules of an auditory system

Subsection text.

B. HARK

Subsubsection text.

C. Sound source localization

Subsubsection text.

D. Sound source tracking

Subsubsection text.

E. Sound source separation

Subsubsection text.

F. Filter

Subsubsection text.

G. Integration of HARK in ROS

Subsubsection text.

Diese Arbeit wurde von Akad.Titel Vorname Name unterstï¿½tzt.

III. ZUSAMMENFASSUNG

ANHANG I
OPTIONALER TITEL

Anhang eins.

ANHANG II

Anhang zwei.

DANKSAGUNG

Wenn ihr jemanden danken wollt, der Euch bei der Arbeit besonders unterstï¿½tzt hat (Korrekturlesen, fachliche Hinweise,...), dann ist hier der dafï¿½r vorgesehene Platz.

LITERATURVERZEICHNIS

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