



FOM Hochschule für Ökonomie und Management

Hochschulzentrum München

Seminararbeit

Im Rahmen des Moduls

Arbeitsmethoden und Softwareunterstützung

Über das Thema

Umwelteffekte des autonomen Fahrens

von

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Inhaltsverzeichnis

Inhaltsverzeichnis	II
Abbildungsverzeichnis	III
Tabellenverzeichnis	IV
1 Einleitung der Arbeit	1
1.1 Forschungsfrage	1
1.2 Hypothese	1
1.3 TBD	1
1.4 Definitionen	1
1.4.1 Kraftfahrzeuge	1
1.4.2 Autonomes Fahren	2
1.4.3 Umwelteinflüsse	2
2 Hauptteil	3
2.1 These im Detail	3
2.2 Untersuchungsmethode	3
2.3 Literaturanalyse	3
2.4 Diskussion	5
2.4.1 Diskussion der These an Hand der Literatur	5
2.4.2 Qualität der Aussage	6
2.5 Fazit – Konsequenzen	6
3 Schluss	7
3.1 Kurzzusammenfassung der Arbeit	7
3.2 Weitere Empfehlungen	7

Abbildungsverzeichnis

Bild 1 : Architektur	4
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Tabellenverzeichnis

Tabelle 1	:	Tolle Tabelle	5
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1 Einleitung der Arbeit

1.1 Forschungsfrage

Welche Auswirkungen haben Kraftfahrzeuge auf die Umwelt und wie kann autonomes Fahren die negativen Auswirkungen reduzieren?

1.2 Hypothese

Je mehr Fahrzeuge autonom fahren, desto geringer fällt die Feinstaubbelastung durch Kfz aus.

1.3 TBD

-Kraftfahrzeuge einfluss auf die Umwelt -steigende Zulassung bei Fahrzeugen durch steigende Globalisierung -steigende Temperaturen, Feinstaubbelastung -steigende CO2-Emissionen durch Kfz -durch bessere Fertigungsmethoden gibt es mehr Autos -Umweltbelastung durch Umwege -Umweltbelastung durch Fahrfehler -Umweltbelastung durch Kfz-Fahrer -Umweltbelastung durch Staus -Umweltbelastung durch LKW

1.4 Definitionen

1.4.1 Kraftfahrzeuge

*Als Kraftfahrzeuge im Sinne dieses Gesetzes gelten Landfahrzeuge, die durch Maschinenkraft bewegt werden, ohne an Bahngleise gebunden zu sein.*¹

Kraftfahrzeuge können in folgende Kategorien eingeteilt werden:

- Personenkraftwagen
- Nutzfahrzeuge
- Krafträder
- Anhänger
- Wohnmobil
- Militärfahrzeuge
- Sonderfahrzeuge

¹§ 1 Abs. 2 Straßenverkehrsgesetz

1.4.2 Autonomes Fahren

Hier wird erklärt was Autonomes Fahren ist

1.4.3 Umwelteinflüsse

Hier wird erklärt was Umwelteinflüsse sind

Feinstaubbelastung

Was ist eine Feinstaubbelastung?

Co2 Emissionen

Was ist Co2 Emission?

2 Hauptteil

2.1 These im Detail

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2.2 Untersuchungsmethode

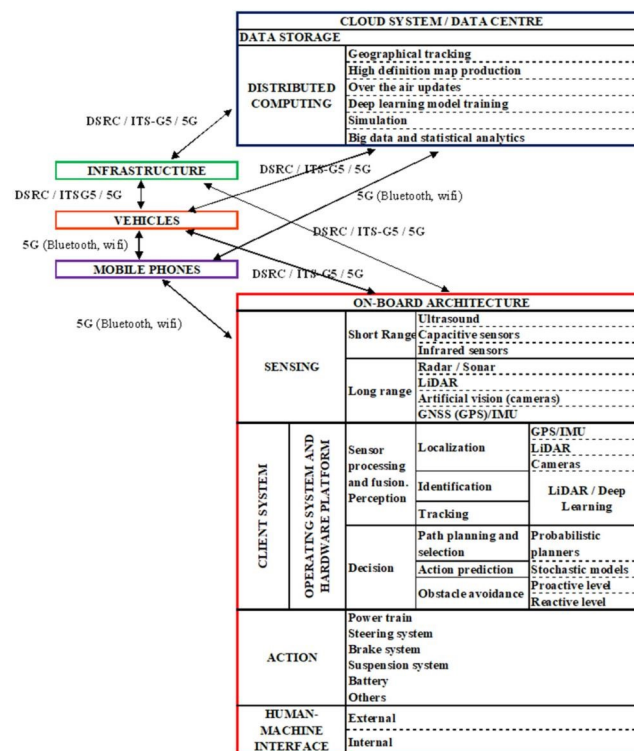
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2.3 Literaturanalyse

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¹Vgl. Baumann, M. F. u. a., Taking responsibility: A responsible research and innovation (RRI) perspective on insurance issues of semi-autonomous driving, 2019, S. 558.

Bild 1: Architektur



Quelle: Martínez-Díaz, M./Soriguera, F./Pérez, I., Autonomous driving: a bird's eye view, 2019, S. 564.

Tabelle 1: Tolle Tabelle

cell1	cell2	cell3
cell4	cell5	cell6
cell7	cell8	cell9

Quelle: Martínez-Díaz, M./Soriguera, F./Pérez, I., Autonomous driving: a bird's eye view, 2019, S. 564.

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2.4 Diskussion

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2.4.1 Diskussion der These an Hand der Literatur

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2.4.2 Qualität der Aussage

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2.5 Fazit – Konsequenzen

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3 Schluss

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3.1 Kurzzusammenfassung der Arbeit

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3.2 Weitere Empfehlungen

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