

# **Transmission of Vibration Caused by Unbalance in an Aircraft Engine with Active Control Strategies**

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genehmigte

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vorgelegt von

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# Preface

The research described herein was conducted when I did the PhD study under the supervision of Professor Stephan Rinderknecht at Institute for Mechatronic Systems, Technical University Darmstadt, as a member of DFG-Graduiertenkolleg 'Transient System Modeling of aircraft engines', between April 2012 and October 2015.

I am very grateful to my supervisor Professor Rinderknecht for his trust in me to work on this topic, his timely lead and great enthusiasm in my results, and also to Professor Bernhard Schweizer for the takeover as the co-referent and interesting discussion.

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Darmstadt, 29 Jan 2016

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