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1. I hereby declare that I have written the submitted work myself and have not used any sources or aids other than those indicated. I have marked as such all texts, lines of reasoning, concepts, graphics, etc. taken directly or indirectly from external sources, and have provided complete references to the respective source.
2. I am aware that the use of texts or content created by means of generative AI does not guarantee their quality, and that I bear the responsibility if the use of such tools leads to erroneous content, to violations of data protection law or copyright law, or to academic misconduct (e.g. plagiarism).

I furthermore declare,

- that I have used generative AI tools merely as aids and that my own creative contribution predominates in the present work,
- that I have listed completely in the following table which AI tools I have used, for what purpose, and to what extent:

AI-Tool	Purpose of use	Scope/area of use (e.g. chapter, section, code segment)

- that I have used only the indicated aids, and have used them only in a manner explicitly permitted by the supervisor or the Examination Board. The Study Commission of the Department of Physics recommends the following as generally permissible uses: spelling and grammar checking, research, translation, question generation, text improvement, as well as support in the creation, debugging and optimization of program code (code generation, debugging, code review). The aids used and indicated have been agreed with the supervisor; the supervisor may restrict or extend the permissible scope for the specific work. The permission granted in the individual case is decisive.

3. The present work has not previously been submitted, in the same or a similar form, to any other examination authority, either in Germany or abroad
4. I am aware that a violation of the points mentioned above may have consequences under examination law and, in particular, may result in the examination performance being graded as “insufficient” or the coursework being assessed as “not passed”, and that in the case of repeated or serious attempts at deception, de-registration (exmatriculation) may follow, or proceedings may be initiated to revoke any academic title that may have been awarded.

(Date, place)

(Signature)