

## Assessment form: Formal Model

Student: ...  
 Title thesis: ...  
 Data Defence: ...  
 Promotor: ...  
 Jurymembers: ...  
 Supervising Assistant: ...

END RESULT:	... / 20
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### *Pass [10 .. 13[*

Is the problem described precisely?	Yes / No / No reply
Is the formal model described clearly?	Yes / No / No reply.
Are some important properties proved based on the mathematical model?	Yes / No / No reply
Are conclusions being drawn? (Are the proven properties really important?)	Yes / No / No reply

If the thesis committee answers “no” on two or more criteria, the thesis will be given a FAIL grade. The fine-grained criteria will then determine the exact grade.

### *Distinction [13 .. 15[*

Is the question “why a formal model” answered convincingly? (Is there an explanation of why the problem is relevant, why it can be abstracted and that it has important characteristics?)	Yes / No / No reply
Is there an overview of the factors that influenced the problem? (Is there also an explanation of why certain factors were NOT included in the model?)	Yes / No / No reply
Is there a convincing motivation for the choice of the formal model? (Is there an explanation for the choice of the mathematical basis/formalism? Is there an explanation of the factor selection in function of the characteristics that need to be proved?)	Yes / No / No reply
Is the model reproducible? (Are enough details given so that outsiders can verify the proof?)	Yes / No / No reply
Are the conclusions convincing? (What insight was acquired? Why is it now easier to construct solutions for the problem?)	Yes / No / No reply

If the thesis committee answers “no” on two or more criteria, the thesis will be given a SATISFACTORY grade. The fine-grained criteria will then determine the exact grade.

### *Great distinction [15 .. 17[*

Is the problem well situated within its context? (Is there a precise explanation of the greater problem the thesis needs to be situated in? Is there a convincing motivation for the choice of the smaller problem that the thesis intends to solve?)	Yes / No / No reply
Is a broad overview of the popular solution techniques given? (Is the overview of the different solution techniques almost complete?)	Yes / No / No reply
Is there a repeatable weighting of the pros and cons of the popular techniques? (Can the same kind of weighting of the pros and cons be used for a similar problem, without the solution having to be the same?)	Yes / No / No reply
Is the experiment representative? (Is it clear to which degree the experiment's results are applicable for similar problems?)	Yes / No / No reply

Do the conclusions show a deep insight into the greater problem? (Are the conclusions drawn about the smaller problem that the thesis has solved linked back to the greater problem? Is there a realistic prognosis toward the future?)	Yes / No / No reply
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If the reading committee answers “no” on two or more criteria, the thesis will be awarded with DISTINCTION. The fine-grained criteria will then determine the exact grade.

### *Greatest distinction [17 .. 20]*

Does the thesis introduce a novel way of looking at the problem? (Are there elements in the text that shed inspiring new light on the problem?)	Yes / No / No reply
Do the conclusions provide a significant contribution to the problem domain? (Will the thesis be cited within the problem domain?)	Yes / No / No reply

If the reading committee answers “no” to at least one criterion, the thesis will be awarded with GREAT DISTINCTION. If not, it will be awarded with GREATEST DISTINCTION. In both cases the fine---grained criteria will determine the exact grade.

### *Fine-grained Criteria*

Relationship with “Research Project 1” and “Research Project 2”:

Not applicable

Sections ..... were not considered in the evaluation of the master’s thesis

Sections ..... have been assessed more thoroughly.

The “Related work” section was assessed as being complete and systematic

Other: .....

Clarity (text):	Insufficient / Unclear / Average / Good / Excellent / No reply
Presentation (defense):	Insufficient / Unclear / Average / Good / Excellent / No reply
Independence:	Insufficient / Unclear / Average / Good / Excellent / No reply
Workload:	Insufficient / Unclear / Average / Good / Excellent / No reply