

Master Thesis Planning Report Two-spinors and Symmetry Operators

SIMON STEFANUS JACOBSSON



Department of Mathematical Sciences
Division of Analysis and Probability Theory
Mathematical Physics
CHALMERS UNIVERSITY OF TECHNOLOGY
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1 Title

Two-spinors and Symmetry Operators. An Investigation into the Existence of Symmetry Operators for the Massive Dirac Equation using Spinor Techniques and Computer Algebra Tools.

2 Background

This thesis is based on the article “Second Order Symmetry Operators” [1].

3 Time plan

3.1 Gantt schedule

In table 1, a Gantt schedule shows an overview of the time plan of the project. [1]

Table 1

week:	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Writing																				
Planning report																				
Thesis																				
Opposition																				
Studying																				
Spinor techniques																				
Mathematica																				
[1]																				
Application																				
Application																				

References

- [1] Andersson, L., Bäckdahl, T., and Blue, P., Class. Quant. Grav. **31**, 135015 (2014), arXiv:1402.6252 .