Optimization - Summary

- 1) Formulation of the optimization problem o already in the report
- 2) Existence of the solution -> Direct method
 - 3) Introduction of bivectors of R4.
 - 4) G Orthogonalization
 - 5) Solution of the optimization problem in the simple case
- New 6) Result about an optimal curve in the non-simple arrow satisfying (EL).
- Naw. 7) Solution of the optimization problem in the non-simple case.
 - 6) Apply the Theorem from the book
 - 7.1) Discuss the structure of the solution
 - 7.2) Show that the periodicity characterizes the Lagrange multipliers (ellipsoids)
 - 7.3) Show that $\lambda_1 = 1$ and $\lambda_2 = 2$.