

Material on which the exam is based.

General relativity, HS 14

Lectures

As given orally and to the extent that the material is covered in the notes (as of today). In any event, **not** part of the material are the following sections: **1.4, 2.3, 3.3** (exception: normal coordinates), **6.4, 6.5, 6.6, 7.6**.

Exercises

Relevant problems are **4.1, 6.3, 7.1, 8.2, 10.1, 12.1** (“problem x.y” denotes problem y in set x). Emphasis is on physical/mathematical meaning and sketch of proofs, rather than on proper computations.

Recommendation: If in need to make choices, focus on the more basic material within each chapter and on the main results.