

1. (3 pts.) Explain how the equivalence principle was used in our derivation of the equation of motion of a particle on 13 March.
2. Eötvös tested the equivalence principle on Lake Balaton in Hungary.
 - (a) (3 pts.) Would his method for testing the equivalence principle work at the north pole?
 - (b) (3 pts.) Would it work on the equator?
3. (5 pts.) Hartle 20-13.
4. (5 pts.) Answer the questions posed in class on 20 March. Submit your answer on angel. The link is Lessons—Hwk6B. This and the next question are due by 2:40 on 27 Mar.
5. (5 pts.) Answer the questions posed in class on 22 March. Submit your answer on angel. The link is Lessons—Hwk6B.