

Homework #7 Due March 13

- Read Sections 14, 15, 16, 17, and 18 in Gelfand & Fomin.
 1. (#6 p. 64) Describe the curve connecting two circles in the plane along which a particle will fall in minimum time under the force of gravity. In addition, write down the equations which must be solved to find the constants involved. It is not necessary to solve them.
 2. (#7 p. 64)
 3. (#9 p. 64)
 4. (#10 p. 64)
 5. (#13 p. 65)
 6. (#16 p. 65)
 7. (#17 p. 65)