

**Läsåret 07/08****SG1108 Tillämpad fysik, mekanik, 7,5 hp****Projekt: Pendelur**

Osqulda leaves KTH and moves to LTH in Luleå. She is very proud of her grandfather clock (pendulum clock) which she has inherited from her grandmother. The clock has functioned perfectly in Stockholm.

Arriving in Luleå she after some days notices that the clock does not show the correct time any longer.

1. Why does not the clock show the correct time any longer?
2. Does it overspeed or underspeed?
3. How many seconds or minutes too much or too little does it show after a day and after a week?
4. Can she adjust anything on the clock to get it to show the correct time again?