## Sample set

- 1. Write the definition of supremum.
- 2. Write definition of asymptot and of  $derivative\ from\ the\ right.$  Formulate  $l'Hospital\ rule.$ 
  - 3. Formulate and prove sandwich theorem.
  - 4. Formulate and prove theorem on limit of a composed function.
  - 5. Formulate and prove theorem on limit of a monotone sequence.