International University Bremen School of Engineering and Science Götz Pfander, Alex Sava

Fall Term 2010 **Name:**

Analysis I — Quiz 7 23.11.10

- **Q7.1.** Give an example of a series of functions that converges to a continuous function but which does not converge uniformly.
- Q7.2. Give an example of a uniformly converging series.
- **Q7.3.** Consider the letters v, i, t as subsets of \mathbb{R}^2 . Are they connected? Why?