

Exercise sheet 2: First-Order Logic

Submission deadline: 2016-11-24

Submission: by e-mail to christoph.rauch@fau.de. Feel free to ask questions!

Soundness of the Sequent Calculus (10 Points)

We have proved soundness of the rules $\mathbf{L}\perp$ and $\mathbf{L}\rightarrow$ in the tutorial. Complete the soundness proof for the Sequent Calculus by proving the rest of the rules on slide 13 of lecture 4 sound.