

CL 2002:

Computational Logic

(Lecture 8)

Sergei N. Artemov

November 5, 2002

*Computer Science Program
CUNY Graduate Center*

This lecture plan

1. Conversions in combinatory logic. Reduction trees, weak and strong normalization properties of conversions.
2. Church-Rosser property, confluence.
3. From Church-Rosser to the uniqueness of normal forms.
4. Proof of the Church-Rosser property for \rightarrow **Int**.
5. Examples.