

WEEK 9: COMPUTATIONAL COMPLEXITY: THE ZOO AND FEASIBILITY

Neil Barton
Universität Konstanz



VolkswagenStiftung

Universität
Konstanz



11. Januar 2021

COMPUTATIONAL COMPLEXITY

RECAP

- IN THE FIRST PART OF THE COURSE, WE SAW THAT ALL KNOWN ANALYSES OF COMPUTATION ARE EQUIVALENT.
- THIS IS (a) BANANAS, AND (b) MOTIVATES THE CHURCH-TURING THESES.
- BUT THIS IS A BIT ANNOYING, WE WANT TO BE ABLE TO DIFFERENTIATE BC

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY

COMPUTATIONAL COMPLEXITY