WS 2008/2009 2008-11-06

Exercises to the Lecture FSVT

Prof. Dr. Klaus Madlener sheet 4

Exercise 9:

Define an ASM, implementing a finite state automaton with output.

Exercise 10:

Define an ASM, implementing Markov's normal algorithms, e.g. $ab \to A, ba \to B, c \to C$.

Exercise 11:

Do Exercise 3.20 from the slides, realizing Kruskal's algorithm by an ASM.

Exercise 12:

Prove the lemmata on the properties of the reserve from slides 111 and 112.

Exercise 13:

Do exercise 3.21 from slide 113, an ASM-specification of the data structure bounded stack.

Delivery: until 2008-11-13, Mo G06, Fr G14,
by EMail to madlener@informatik.uni-kl.de