

Exercise Sheet 13.5

Due at the beginning of the exercise session at 16:20. A total of at least 50% of all available points is required for the “Studienleistung” (I expect there to be 12 or 13 sheets).

Exercise 1 (Soare 2.1.19, 2 bonus points). Let f be a total function. Prove that f is computable if and only if its graph is computable.

Exercise 2 (Soare 2.1.20, 2 bonus points). Prove that every infinite c.e. set contains an infinite computable subset.