

Homework 6 (Two-Tape TM and Decidability)

Due Monday, April 16, 07 at 3:00 PM in Class

Note: I may grade only selected problems.

- (1) Construct a STD for a two-tape TM that recognize the following language:

$$L = \{a^n b^n \mid n \geq 0\}.$$

- (2) Do problem 4.3 page 183 of the textbook.

Note: Next homework is on reducibility and decidability.