

MSU CSC 325 Spring 2016

Assn 8. Overview of P and NP problem collections

Due: Mon. May 2, 11:59pm.

In class was distributed some pages of the 9-page paper, "The Status of the P versus NP Problem," Lance Fortnow, Communications of the ACM, September 2009, vol. 52, no. 9, pp. 78-86.

That paper and other similar papers are in the eccentric folder for this assignment.

Complete the following, which should fit on a single page:

Use any resources to define:

- The term "deterministic"
- The set of **P** problems with examples
- The set of **NP** problems with examples

Select an NP problem, and show pseudocode that gives the optimal solution for that problem.

Turn in: To your eccentric or trace folder, an MSWord document named **Assn8**