

COS 598A

April 2, 2004

Due: April 9, 2004

Homework Set 7

Do all the problems in the Berkeley Course Problem Set # 7.

References: The original paper by Grover can be found at: <http://xxx.lanl.gov/abs/quant-ph/9706033>

A tight analysis of Grover's search can be found in the paper by Boyer, Brassard, Hoyer, and Tapp: <http://xxx.lanl.gov/abs/quant-ph/9605034>