

On the Power of Finite Automata with both Nondeterministic and Probabilistic States

Anne Condon*

`condon@cs.wisc.edu`

Department of Computer Sciences
University of Wisconsin
1210 West Dayton St.
Madison, WI 53706

Samuel Pottle ‡

`pottle@cs.wisc.edu`

Department of Computer Sciences
University of Wisconsin
1210 West Dayton St.
Madison, WI 53706

Lisa Hellerstein†

`hstein@eecs.nwu.edu`

Department of E.E.C.S.
Northwestern University
2145 Sheridan Rd.
Evanston, IL 60208-3118

Avi Wigderson§

`avi@cs.huji.ac.il`

Computer Science Department
Hebrew University
Jerusalem
91904, Israel

February 15, 1996

*Condon's research supported by NSF grant CCR-9257241 and by a matching grant from AT&T Bell Labs.

†Hellerstein's research supported in part by NSF grant CCR-9210957.

‡Pottle's research supported by NSF grant CCR-9257241.

§Wigderson's research supported in part by BSF grant 92-00106/1 and a grant from the Wolfson Research Awards.