

This paper has been superceded.

ERIC ALLENDER *Dept. of Computer Science*  
*Rutgers University*  
allender@cs.rutgers.edu

DAVID A. MIX BARRINGTON *Dept. of Computer Science*  
*University of Massachusetts*  
barring@cs.umass.edu

This paper became obsolete soon after it appeared on ECCC. A significantly stronger paper (with William Hesse as co-author) is now available as ECCC report TR01-033.