Purely Functional Data Structures

Chris Okasaki September 1996 CMU-CS-96-177

School of Computer Science Carnegie Mellon University Pittsburgh, PA 15213

Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy.

Thesis Committee:

Peter Lee, Chair Robert Harper Daniel Sleator Robert Tarjan, Princeton University

Copyright © 1996 Chris Okasaki

This research was sponsored by the Advanced Research Projects Agency (ARPA) under Contract No. F19628-95-C-0050.

The views and conclusions contained in this document are those of the author and should not be interpreted as representing the official policies, either expressed or implied, of ARPA or the U.S. Government.