





Algorithm Analysis and Mapping Environment for Adaptive Computing Systems

Eric Pauer, Cory Myers, Ken Smith, and Paul Fiore {pauer,cory,jmsmith,pfiore}@sanders.com

Sanders, a Lockheed Martin Company

Nashua, NH 03061





Third Bi-Annual Ptolemy Miniconference - 1999

Statement of the Problem

Reconfigurable computing technology offers leap ahead performance, e.g. 10X ops per watt and/or ops per cubic inch, over general purpose programmable solutions without the need to develop custom hardware. However, today generation of a working implementation requires hardware design expertise and generation of a good implementation requires many slow iterations between an algorithm designer and a hardware developer.



































