MPI NAS Parallel Benchmarks

CSC 569

Ian Dunn
Computer Science
Department
Cal Poly
San Luis Obispo, California
idunn01@calpoly.edu

Toshi Kuboi
Computer Science
Department
Cal Poly
San Luis Obispo, California
tkuboi@calpoly.edu

Mitchell Rosen
Computer Science
Department
Cal Poly
San Luis Obispo, California
mwrosen@calpoly.edu

Austin Wylie
Computer Science
Department
Cal Poly
San Luis Obispo, California
awylie@calpoly.edu

Table 1: XMark Test Results

Test	Tree	SAX	Diff
01	0.003	0.003	0.000
02	0.091	0.054	0.037
03	0.180	0.104	0.076
04	0.354	0.206	0.148
05	0.434	0.261	0.173
06	0.520	0.296	0.224
07	0.682	0.392	0.290
08	0.861	0.509	0.352

ABSTRACT

Small abstract here.

1. SETUP

Describe benchmarking process here.

2. RESULTS
2.1 Lab Machines

Lab machine results here.

2.2 Raspberry Pis

Raspberry Pi results here.

Table 1 shows ‗.

The graphs in Figures 1 through 3 also show ‗.

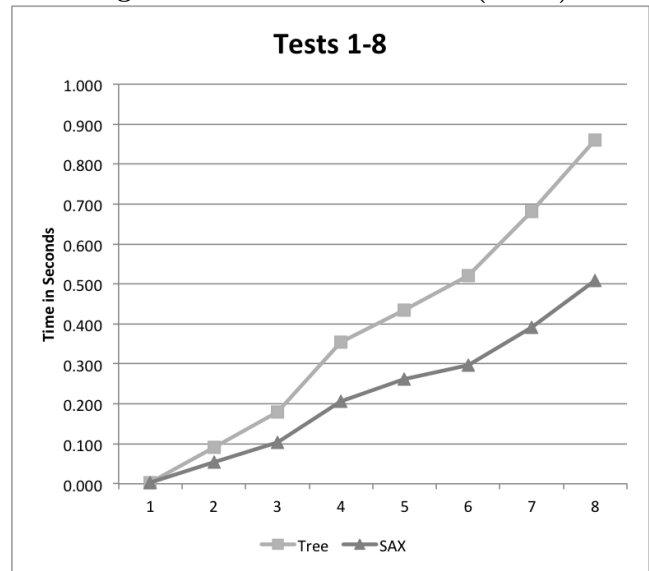Table 2 outlines ‗.

Figure 1: XMark Test Results (1 to 8)

Table 2: Stress Test Results

Test	Tree	SAX
SWISS-PROT	2.921	1.628
PIR	Not Available	12.758

3. ANALYSIS
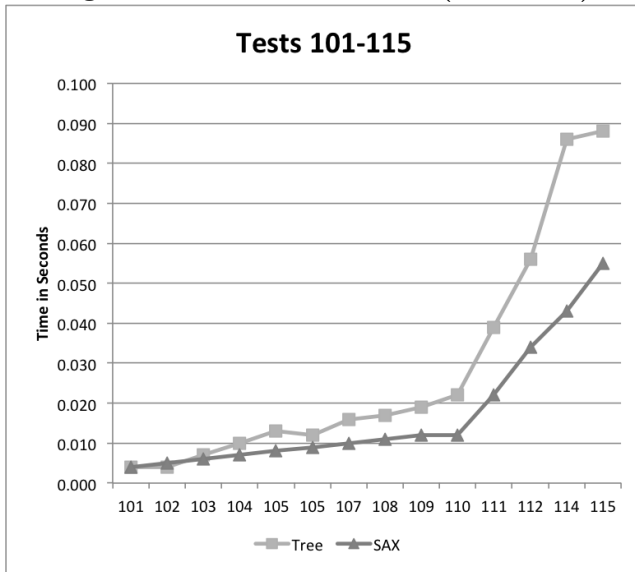
Analysis here.

Figure 2: XMark Test Results (101 to 115)

Figure 3: XMark Test Results (201 to 210)