Espresso\_int.txt with Prediction State Machine B (Figure 5)

Total Instructions: 809370

Hit: 130256

Miss: 452

Right: 123821

Wrong: 4957

Taken\_Branch: 94774

Collision: 452

wrong Prediction: 671

Hit Rate: 99.65%

Accuracy: 95.06%

Wrong Percentage: 13.54%

0 429000 42900c 00

5 417014 414fd8 00

6 429018 429048 00

9 411024 42b5b0 00

10 42b028 42afc0 01

13 405034 40500c 01

19 40504c 4050c8 00

26 429068 42907c 00

32 429080 4074f8 00

44 4050b0 405088 01

45 42c0b4 42c0f8 00

47 4170bc 4170d8 00

53 41d0d4 41d0e4 00

55 4050dc 404ed8 01

58 4170e8 4170ac 01

60 4050f0 405104 00

66 41d108 41d0fc 01

68 41d110 405dcc 00

71 41d11c 41d12c 00

78 42c138 42c1e4 00

85 405154 4285a0 00

94 41d178 41d16c 01

96 41d180 405244 00

105 4001a4 414f20 00

107 4051ac 4285a0 00

108 41d1b0 41d19c 01

110 41d1b8 40642c 00

111 42d1bc 42c4dc 00

112 4051c0 41d0cc 00

114 4291c8 42ac70 00

117 42d1d4 42c9d0 00

120 4051e0 40516c 01

121 4291e4 42920c 01

123 42c1ec 42c20c 00

124 4291f0 429204 00

126 4051f8 405204 00

127 42d1fc 42c6d8 00

128 429200 4170b8 00

130 429208 406970 00

131 42b20c 428564 00

132 429210 4068bc 00

135 42c21c 42b53c 00

136 405220 4285a0 00

140 42b230 4287a4 00

142 42c238 428fb0 00

143 42d23c 4285a0 00

144 405240 41d114 00

145 429244 429290 00

146 42d248 42d254 00

147 42b24c 42b258 00

149 42c254 42ba64 00

151 42d25c 42d620 00

152 405260 40526c 00

157 42b274 42b2a8 00

158 42d278 42c860 00

162 405288 4285a0 00

166 405298 41d0cc 00

167 42929c 4292bc 00

171 42d2ac 42d2b8 00

172 4052b0 4285a0 00

175 42d2bc 42c758 00

177 4292c4 429300 00

178 4052c8 4285a0 00

184 4052e0 4285a0 00

190 4052f8 4285a0 00

195 42930c 429358 00

196 405310 406a20 00

205 42b334 42b2ec 01

213 415354 4153d0 00

215 42b35c 42b34c 01

217 42b364 42b3b4 00

220 429370 4293a8 00

225 429384 429394 00

230 429398 42c4c0 00

232 4293a0 42935c 00

235 4293ac 42c570 00

238 4293b8 429418 00

241 4063c4 406410 00

245 42b3d4 4289c8 00

250 4153e8 4152c4 00

262 406418 41d184 00

265 429424 429438 00

266 406428 41d184 00

276 415450 428540 00

278 406458 406468 00

288 415480 428540 00

291 42948c 4294d8 00

293 415494 41546c 01

294 406498 4064b8 11

295 41549c 428540 00

299 4154ac 428540 00

301 4064b4 4065f4 00

303 4064bc 429220 00

306 4064c8 4065f4 00

309 4154d4 4155c8 00

310 42c4d8 42d1a0 00

312 4294e0 4294fc 00

314 42c4e8 42c4f8 00

317 4074f4 428fb0 00

320 42c500 42c508 00

322 407508 407588 00

324 42c510 4285a0 00

325 429514 429590 00

326 406518 4066c0 00

327 42c51c 42c544 00

328 429520 429538 00

336 42b540 42b590 00

339 42954c 42c590 00

341 429554 429578 00

344 406560 4066c0 00

347 42c56c 42939c 00

349 406574 4066c0 00

350 428578 428588 00

351 42c57c 42c588 00

354 429588 42950c 00

355 42c58c 4293b0 00

357 407594 4075d8 00

361 4075a4 41dc18 00

363 42b5ac 411024 00

364 4285b0 42864c 00

365 42c5b4 42c5bc 00

366 4075b8 41dc18 00

367 4155bc 416640 00

370 42b5c8 42c220 00

371 4075cc 41dc18 00

372 4155d0 415568 00

373 4285d4 42b210 00

375 4075dc 405d5c 00

377 4075e4 406824 00

380 4065f0 4066c0 00

383 4065fc 4065ac 11

384 407600 406868 01

385 423604 40769c 00

387 40660c 406514 11

389 406614 40664c 00

394 407628 4068a8 11

395 42b62c 42b63c 01

396 407630 4074f0 00

397 42c634 42c678 00

398 42b638 42bac4 00

401 428644 428638 01

402 42d648 42d67c 00

405 406654 406564 01

406 42b658 42b740 00

407 40665c 406670 00

411 42866c 42867c 00

412 429670 42968c 00

413 42d674 42d650 01

414 406678 40651c 00

416 407680 407f3c 00

417 42d684 42d69c 01

419 42c68c 42c6c4 00

420 416690 4291d0 00

421 428694 4286a4 00

422 407698 423600 00

423 41669c 4166b0 00

424 42d6a0 42d6b4 00

425 4296a4 429ecc 00

426 4076a8 4067d0 00

427 4286ac 42868c 01

430 42d6b8 42d260 00

432 4166c0 4166ec 00

435 4286cc 4286fc 00

437 42c6d4 42d1e0 00

438 4286d8 428724 00

440 4066e0 406488 00

441 42c6e4 42c6f4 00

442 4236e8 4236f4 00

444 4286f0 4286fc 00

449 406704 41dda0 00

451 42c70c 42c730 00

453 416714 416734 00

454 423718 42372c 00

456 406720 406748 00

458 423728 423734 00

460 423730 423878 00

461 406734 41dda0 00

463 42c73c 4297f4 00

468 406750 4067a4 00

469 42b754 42b7cc 00

472 428760 428768 00

473 42c764 42d220 00

475 42c76c 42c780 00

476 428770 428780 00

482 428788 428798 00

486 423798 429ae0 00

488 4287a0 42b210 00

493 42c7b4 42c7a4 01

494 4237b8 4237e4 00

499 4067cc 4075e0 00

500 4287d0 4287e8 10

501 42b7d4 42b7e8 00

502 4297d8 4297e4 00

505 4287e4 4287d4 10

508 4297f0 42c5d0 00

509 4287f4 4286dc 00

512 429800 4166bc 00

513 42b804 42b83c 00

514 42c808 42c81c 00

521 4e7824 4285e8 00

522 42c828 42c840 00

524 406830 406854 11

527 42883c 428960 00

532 406850 4075e8 00

533 428854 428868 00

534 406858 429220 00

535 42c85c 42d220 00

537 406864 4075e8 00

538 42b868 42b874 00

539 42886c 428880 00

542 406878 406820 00

544 42b880 42b8a0 00

545 423884 41541c 00

550 428898 4288cc 00

551 42c89c 4297d4 00

555 4068ac 405b58 00

558 4068b8 4291d0 00

559 42b8bc 42b8cc 00

560 4068c0 406968 00

564 42b8d0 42b8f8 00

565 4068d4 406908 00

569 4288e4 4288f4 00

571 4288ec 4288f8 00

575 42b8fc 42b90c 00

582 406918 428f0c 00

584 406920 406930 00

585 428924 428930 00

590 428938 42894c 10

594 428948 4289d4 00

598 406958 406820 00

599 42895c 4287f8 00

603 40696c 4291d0 00

605 42b974 42b9e4 00

608 428980 4285a0 00

610 406988 4069bc 00

613 428994 4289a0 00

619 4289ac 4289bc 00

625 4289c4 42b260 00

627 4069cc 4069dc 00

630 42c9d8 42c5a8 00

632 4289e0 41de0c 00

634 42b9e8 428fb0 00

640 406a00 428f0c 00

642 406a08 406a18 00

647 406a1c 404bf0 00

649 406a24 407f84 00

651 406a2c 406824 00

657 416a44 414f48 00

664 42ba60 42baf0 00

676 42ba90 42b620 00

699 42baec 428f24 00

701 429af4 429b00 01

703 429afc 42379c 00

706 429b08 429ae8 00

723 42bb4c 42bb58 00

727 42bb5c 42bb80 00

745 405ba4 405bb4 00

750 42bbb8 42bc90 00

759 405bdc 405c48 00

775 404c1c 404c38 00

782 41dc38 4285a0 00

786 41dc48 41dc5c 00

788 42ac50 42ac5c 00

791 404c5c 404c6c 00

793 41dc64 41dc74 00

795 42ac6c 4291b0 00

797 42ac74 42ad80 00

798 404c78 4285a0 00

799 405c7c 405c8c 00

804 404c90 4285a0 00

808 41dca0 4285a0 00

810 404ca8 4285a0 00

812 42bcb0 42be48 00

816 404cc0 4285a0 00

817 41dcc4 4075d0 00

825 416ce4 4291d0 00

827 416cec 416dbc 00

831 404cfc 404d14 00

854 405d58 4068b0 00

858 404d68 404d78 00

877 42adb4 42ae8c 00

881 41ddc4 41de4c 00

882 405dc8 41d0cc 00

883 41ddcc 41ddd4 00

886 404dd8 404ce8 01

891 404dec 4285a0 00

893 416df4 4291d0 00

895 416dfc 416ec4 00

897 405e04 405e24 11

898 41de08 428840 00

901 41de14 41de44 00

904 405e20 405f10 00

905 404e24 404e30 00

906 405e28 429220 00

908 405e30 405f10 00

915 404e4c 4285a0 00

919 404e5c 41d0cc 00

924 42be70 42be88 01

926 42be78 42bf28 00

927 404e7c 404e88 00

928 429e80 429f08 11

933 42be94 42bec8 00

934 42ae98 42af1c 00

935 41de9c 41de88 01

937 404ea4 4285a0 00

939 41deac 406708 00

941 404eb4 41d0cc 00

943 429ebc 429ee0 00

946 429ec8 429460 00

949 429ed4 429ee4 00

950 405ed8 405fc0 00

955 404eec 404ef8 00

959 429efc 429f08 00

961 429f04 429e8c 01

963 405f0c 405fc0 00

966 405f18 405edc 00

968 42bf20 42c084 00

971 404f2c 41d0cc 00

972 405f30 405f68 00

973 416f34 4291d0 00

974 429f38 42b1e0 00

975 416f3c 416f6c 00

977 414f44 416954 00

978 407f48 4285a0 00

988 405f70 405eac 00

990 416f78 416f2c 01

992 405f80 405e80 00

996 416f90 416ef0 01

1000 407fa0 4285a0 00

1002 416fa8 416fb8 00

1006 404fb8 404f78 01

1008 416fc0 41706c 00

1010 416fc8 416fd8 00

1011 428fcc 428fd8 00

1012 404fd0 405050 00

1013 405fd4 405df4 01

1016 416fe0 41706c 00

1017 428fe4 428ffc 00

1018 414fe8 4236a0 00

1020 42aff0 42b01c 00

1021 405ff4 4063b8 00

1023 414ffc 415344 00