# Contents

And, if all else fails, there is the Fortran 77 reference implementation of the Level 1, 2, and 3 BLAS available on netlib (also included in the LAPACK distribution tar file).

```
http://www.netlib.org/blas/blas.tgz
```

SECOND RE

```
E silo⊥                       =     5.96046E-08
Safe mi⊥imum                  =     1.17549E-38
Base                          =     2.00000
Precisio⊥                     =     1.19209E-07
Num er of ■igits i⊥ ma⊥tissa =
```

- Testing/

not successful, either because the program did not finish or the test ratios did not pass the threshold, you will probably have to find andorrect the problem before continuing.

## 6.7 Run the LAPACK Timing Progr ms

There are two distinct timing programs for LAPACK routines in each data type, one for the linear equation routines and one for the eigensystem routines. The timing program for the linear equation routines is also used to time the BLAS. We encou tw [illegible] B [illegible] nor t

### 6.7.1 Timing the Linear

# A

by scaling intermediate results, but some library versions of xNRM2 are not so careful about scaling. If x

B