Solver for ant+bx+c=0
with real roots.

Throws i) Nohrot if no
real root exists.

2) Nisolution if
no robution exists.

void QES (double a, double b, double C, doubled root 1, doubled roots) throws No Root, No Solution; Test copies!

QES Text Plan

1. a = 0 1.1 b²-4ac > 0 // District Restr 1.2 b²-4ac = 0 // Refeated Roots 1.3 b²-4ac < 0 // No Root

2. a=0 21 b = 0 // Single Root

rest

22 b=0 22 c = 0 || NoSolution: <0,0,72> 22 c = 0 || Infinite lasts

3. Precision Tests
abs (ax2+b2+c) < \interpretation

Equivalence Clause of Testing and Array (int a int b int c) { × 14 (076) xeles << "c a b", cont « "b. a. c",

the cont « "b.c. a",

"the cont « "c. b. a", 9.7.2 10.8.6