CSCIMB: ASSERTS & LOOP INVARIANTS

LOOP INVARIANTS

EXAMPLE: INSPRION SORT

WHORE & I = Len (L)
MICRT L[8] = = Sorted [L[:i])

LOOP INVARIANTS ALLOW TO INTRODUCE A FORM OF CHECKPOSTS, BREAKING THE FLOW ON THE BREAKH OF THE INVARIANT,

NOTE SOME ASSERTS ARE SLOW.

IT IS POSSIBLE, MOWEVER,

TO RUN THE CODE WAILE

16NORING ASSERTS.

CHUPOSIN & TEST CASES

NOTE THAT

CHOCKENG

CHERER CHERRIC

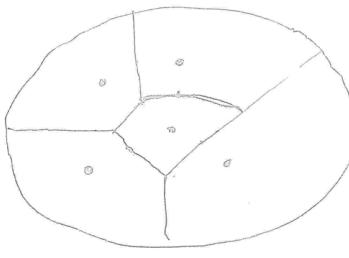
PROPERTIES

13 MORE

1MPORTANT

THANK CHOCKENE

TEST CALLES



PROPERTIES,
HOWEVER,
OPTEN DE
APOT DEFINE
THE PARTITION
WITHOUT OVERNES

INITIAUH CHONEN

DIVIDE AND CONQUER

- O IDENTIFY THE PROPERTIES
 OF INDVIS WHICH
 SORT PRIEM INTO EQUIVALENCE

 CLASES.
- D VERIFY THE COPE WORLD

 POPL THESE MARAGERISTIC

 TEST CASES