Homework 11

田野

2017329621125

4.1

(a)

Let’s consider when the list only has one element, such list = [1].

Then block1 = first entry in list = 1 and block2 = last entry in list = 1.

Thus 1 is in 2 different blocks, it fails the disjointness property.

(b)

Let’s consider when the list is null, the none of the blocks contain the list, so it fails the completeness.

(c)  
 For example:

block 1 : element is first entry in list

block 2 : element is in some position other than first.

block 3 : null list.