

DS HW10

Deadline(107/12/18)

手寫題

2. Calculate the maximum number of data entries in a:
 - a. B-tree of order 5 with a height of 3
 - b. B-tree of order 5 with a height of 5
 - c. B-tree of order 5 with a height of h
4. Draw the B-tree of order 4 created by inserting the following data arriving in sequence:

92 24 6 7 11 8 22 4 5 16 19 20 78

6. Draw two different B-trees of order 3 that can store seven entries.
8. Create a B+tree of order 5 for the following data arriving in sequence:

92 24 6 7 11 8 22 4 5 16 19 20 78

10. Using the B-tree of order 3 shown in Figure 10-24, add 50, 78, 101, and 232.

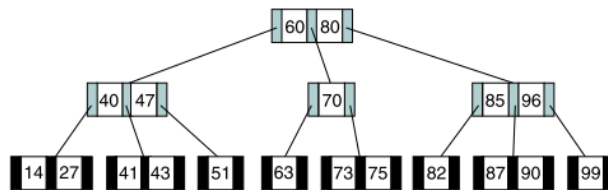


FIGURE 10-24 B-tree for Exercises 10 and 11
