

# Levitin Section and Homework Problem Mapping, Second to Third Edition

2nd edition => third.

Things not listed are not changed or are skipped parts. Sections numbers and individual problems or contiguous sequences are given.

I do not list new problems in the 3rd edition if there are obvious holes in the numbering. I do list new \*final\* problems in the 3rd edition.

2.2: 10 => 12

2.4: 8-10 => 9-11

skipping rest of Ch 2

3.1: 5-11 => 8-14

3.2: 7 => 9  
8 => 7  
9 => 8

3.3: 1-3=>2-4  
4-10 => 6-12

3.4: 9-10 => 10-11

5.2 section => section 3.5  
so 5.2: 1-10 => 3.5: 1-10

>>> rest of ch5 => ch 4: details below

5.1: 3 => 4.1: 4  
4-8 => 7-11  
9 => X (gone?)  
10 => 12

(old 5.2 is now 3.5)

5.3: 1-9 => 4.2 1-9  
10 => X  
10 new

5.4 1-11 => 4.3 1-11  
12 new

4.3: => 4.4 first part:

4.3: 1 => 4.4: 3  
2,3 => X  
4-5 => 4-5  
6, 7 => X  
8 => 6a  
9 => 6b  
10 => 7  
8,9 new

5.5-6 => 4.4-5 (skip in class except first part on binary search) ...

ch 4 => ch 5, except 4.3 => start of 4.4

4.1: 1-11 => 5.1: 1-11

4.2: 1-11 => 5.2: 1-11

(4.3 considered above => 4.4 part)

4.4: 3-10 => 5.3: 4-11

4.5: 1-10 => 5.4: 1-10

In class we are skipping these refer section and you can skip:  
5.5 (old 4.6), 6.2, 7.2, all of ch 10, 11.4, all of ch 12

6.1: 2-4 => 1-3  
6-10 => 4-8

6.3: Same

6.4: 6-11 => 7-12

6.5 5-10 => 6-11  
12 new

6.6 12 new

7.1 8 => 9  
9 => 10 \*\*Modified question

7.3 7 \*\*Modified Question

7.4 Same

8.1: much improved section text

8.1 1 \*\*Slightly Modified Question  
9 => 7  
10 => 12  
\*\*Many new questions have been added

8.2 section => 8.4  
Same otherwise

8.3 10 => 11

8.4 section => 8.2  
6-7 => 5-6  
10 => 9

9.1 2 => 1  
4 => 2  
6-8 => 8-10  
9 => 13  
11 => 15

9.2 12 new

9.3 8 => x

9.4 Same

11.1 12 new

11.2 8 => 10  
10 => 11

11.3 10-11 => 11-12