

Prof Lathrop,

The table contains some of the higher level differences between the chapters. Most chapters had parts that were missing, consolidated, or rearranged between editions.

After the table, are the differences between the two editions with regards to the assigned homework problems. The differences were so significant that I stopped after the 2<sup>nd</sup> week. I think your two options are to insist on the 3<sup>rd</sup> edition or to assign a whole different set of homeworks for 2<sup>nd</sup> edition users but that is similar in coverage and time needed to get it done.

I don't guarantee the accuracy of my comments. They were developed quickly and not verified.

<b>3<sup>rd</sup> edition</b>	<b>Notes about 2<sup>nd</sup> edition</b>
Chapters 1-2 (Intro, Agents)	
Chapter 3 (Uninformed Search)	
Chapter 3 (Heuristic Search)	Includes 2 <sup>nd</sup> edition Chp. 4 informed search and 2 <sup>nd</sup> edition Chp. 4 heuristic
Chapter 4 (Local Search, Review Search)	
Chapter 13 (Probability, Uncertainty)	
Chapter 18 (Learning from Examples)	A bit different; title different: "Learning from Observations"
Chapter 5 (Adversarial Search)	Chp. 6 in 2 <sup>nd</sup> edition
Chapter 6 (Constraint Satisfaction)	Chp. 5 in 2 <sup>nd</sup> edition
Chapter 7-8 (Logics)	
Chapter 11 (Planning)	Chp. 12 in 2 <sup>nd</sup> edition
Chapter 14 (Bayes Nets)	

#### Homework

- d = doesn't seem to exist in 2<sup>nd</sup> edition (not even in altered form)
- comments in parens are about 2<sup>nd</sup> edition

Week 1:        2.3 (d)  
                  3.3 (d)  
                  3.6 (3.7 in 2<sup>nd</sup> edition and a bit different)  
                  3.7 (3.15)

Week 2:        3.14 (d)  
                  3.15 (3.8 and a bit different)  
                  3.18 (3.13)  
                  3.21 (4.3 and a bit different)  
                  3.23 (4.1)  
                  4.1 (4.11 and a bit different)