

Homework 4: Due 10pm on 8-Feb.

1. Reproduce Figure 5.2 using Monte Carlo ES.
2. Reproduce Figure 5.3. Use the same parameters as discussed in the book.

A “Soft 17” means an Ace and 6. The book is not clear what is the dealer’s behavior in “Soft 17”. For both problems, please consider two separate cases: 1) Case 1, the dealer must hit in “Soft 17”; 2) Case 2, the dealer must stick in “Soft 17”. In your report, please include figures generated by these two cases separately.

Additional clarification: the dealer must stick when the dealer has “soft 18” (Ace+7) or “Soft 19” (Ace+8) or “Soft 20” (Ace+9).

Start thinking about your project!