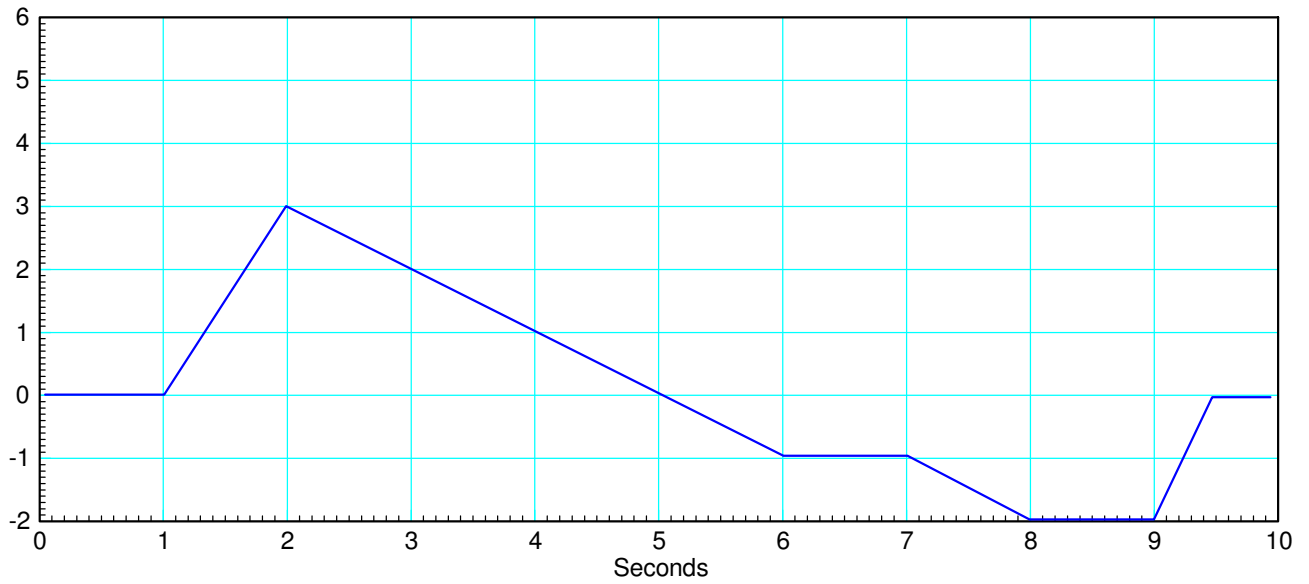


ECE 111: Handout #7

Week #7: Math 166 Calculus II (Integration)

Sketch the integral of the following function



Solutions

The integral is the area under the curve

Think of this as the balance in your checking account. The blue line is the amount of money you're adding.

- If you're adding positive money, the balance goes up (orange line).
- The more you add, the faster the balance goes up.
- Your total balance is the total area to the left at time t .

- If you are withdrawing money (negative value for the blue line), your balance goes down

