

103L Final Exam

Problem 1

Part a)

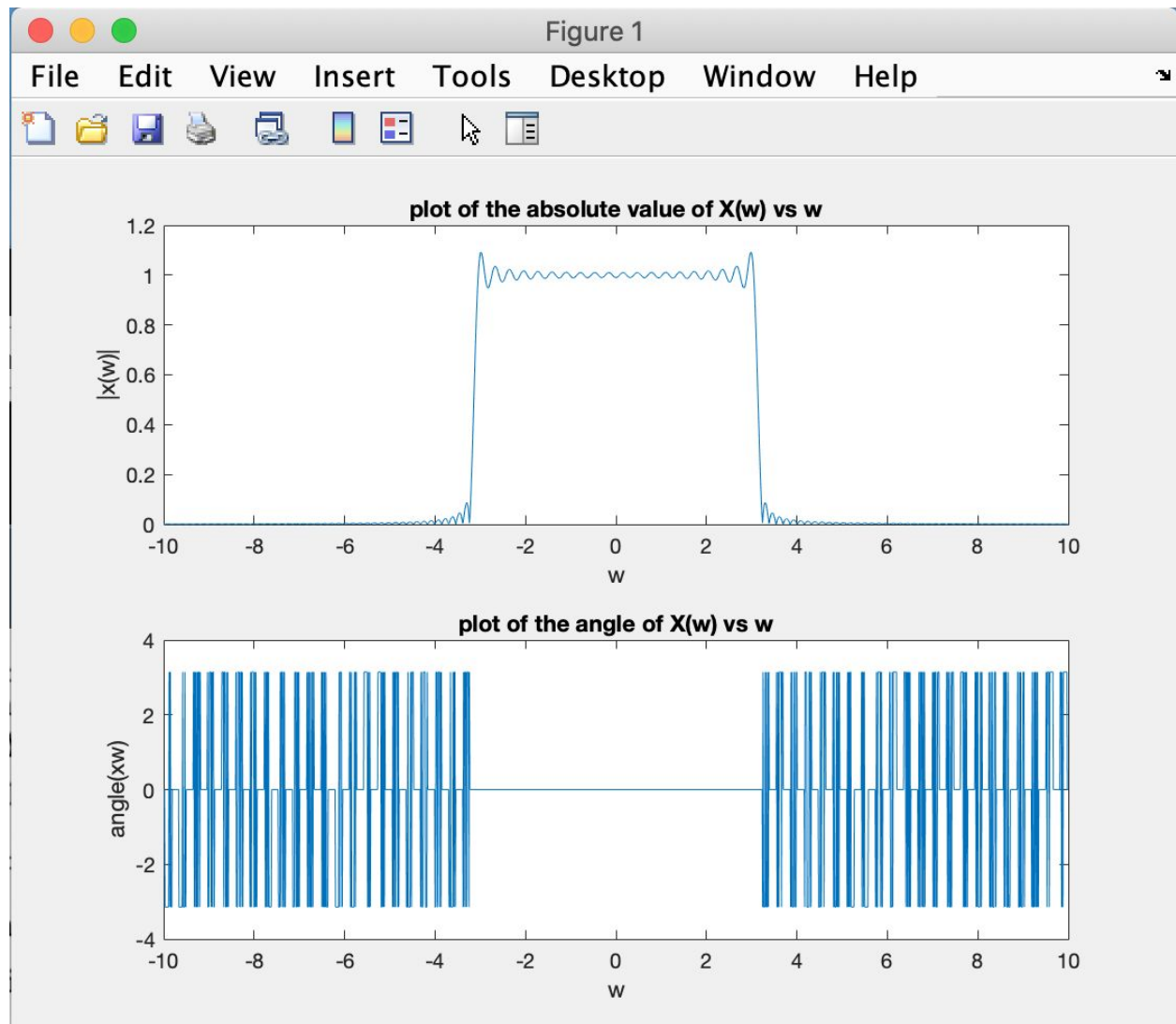


Figure 1: Problem 1a solution

Part b)

Quantity: 0.994934582378397 \sim .994934 Joules

Part c)

Quantity: 0.994933725759412 \sim .994934 Joules

Problem 2

Part a)

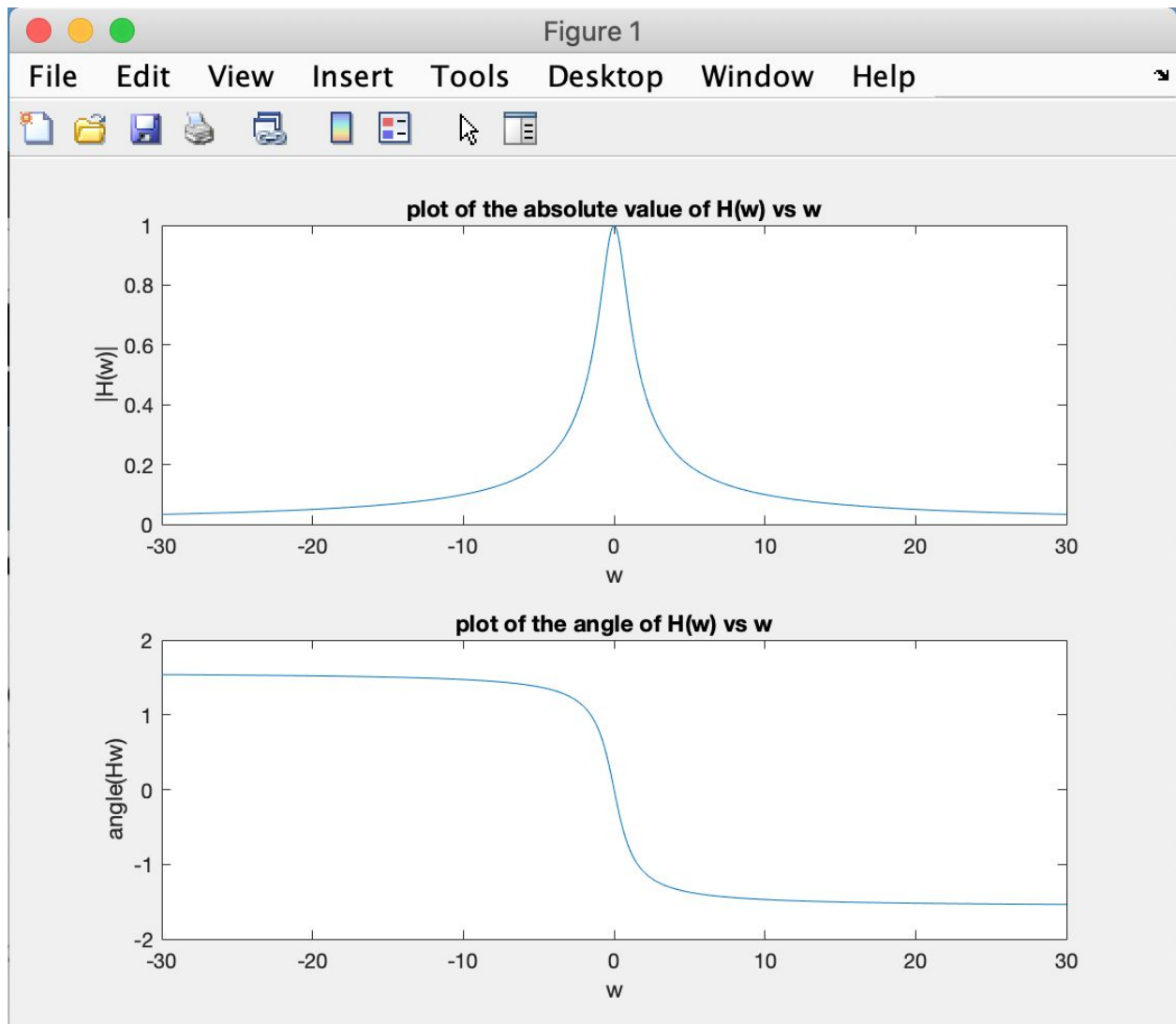


Figure 2(fig1 problem2): Problem 2a solution

Part b)

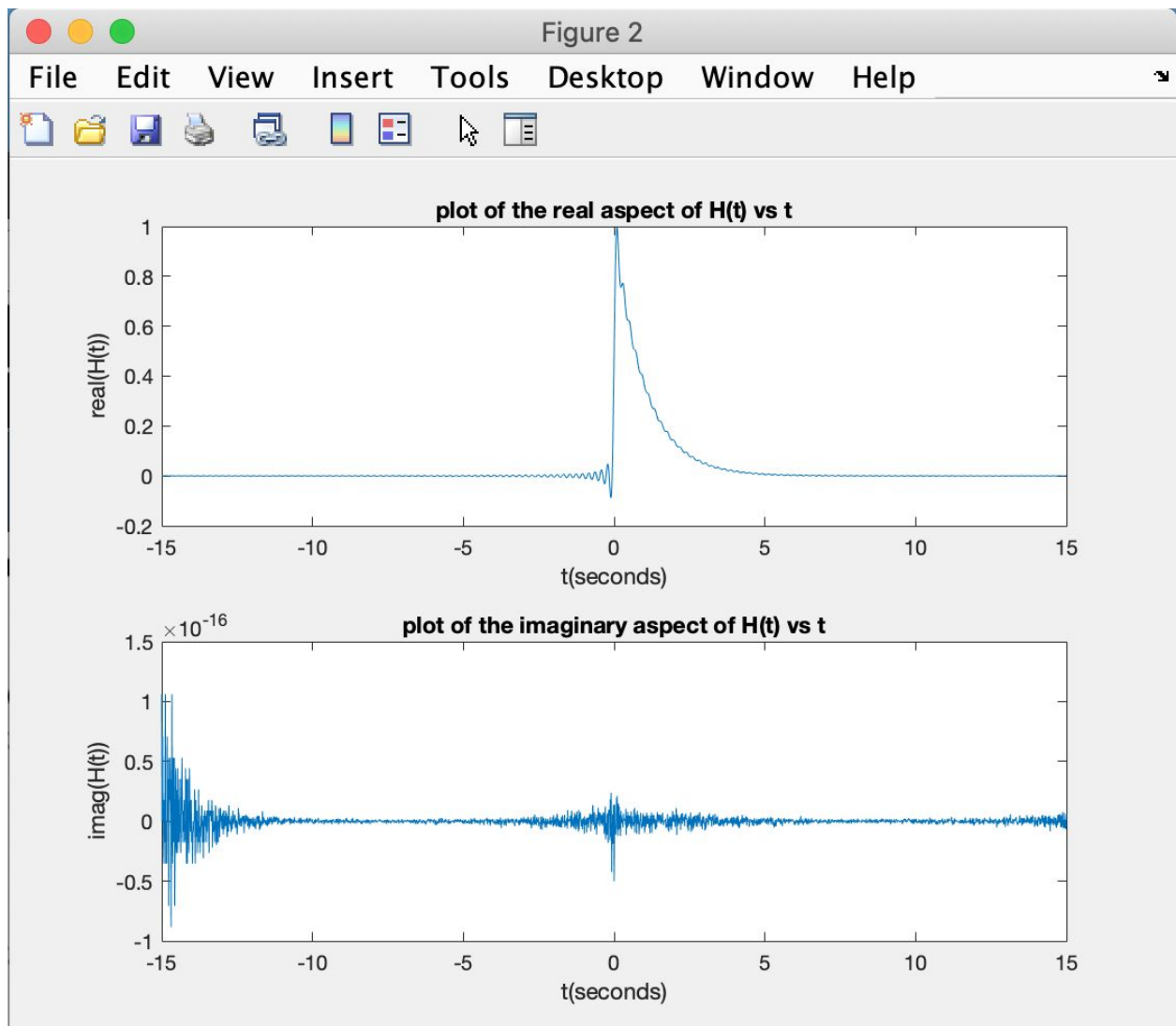


Figure 3(fig 2 of problem 2): Problem 2b solution

Part c)

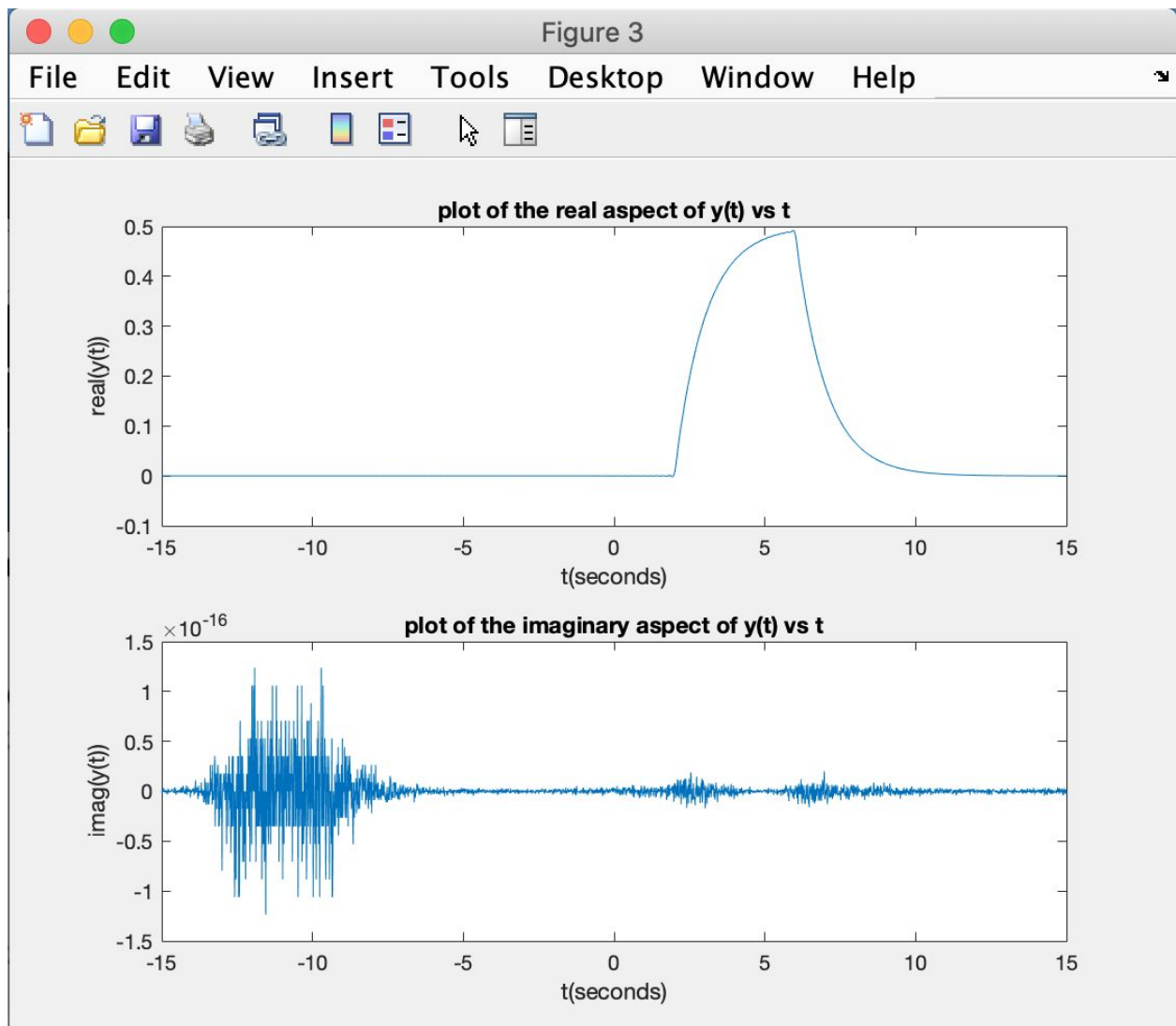


Figure 4 (figure 3 of problem 2): Problem 2c solution