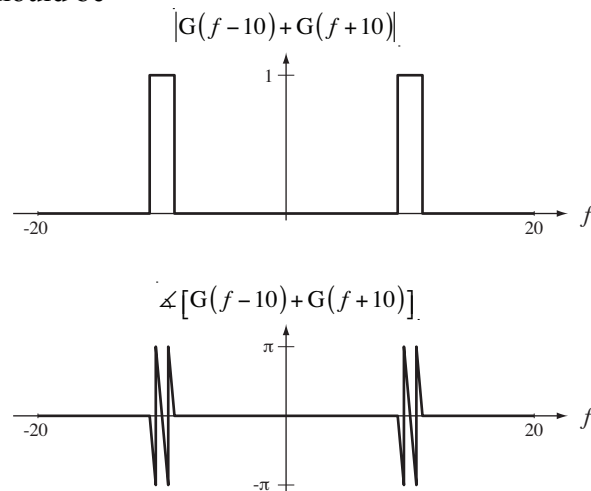


Errata for Second Edition of Signals and Systems

Chapter 2, Exercise 10

The answer figures should be



Chapter 5, Exercise 1

In the answers insert a comma between $e^{-5t} u(t)$ and $-(3/4)e^{-3t/2} u(t) + (1/2)\delta(t)$.

Chapter 5, Exercise 40

Delete the text

(1 pt each)

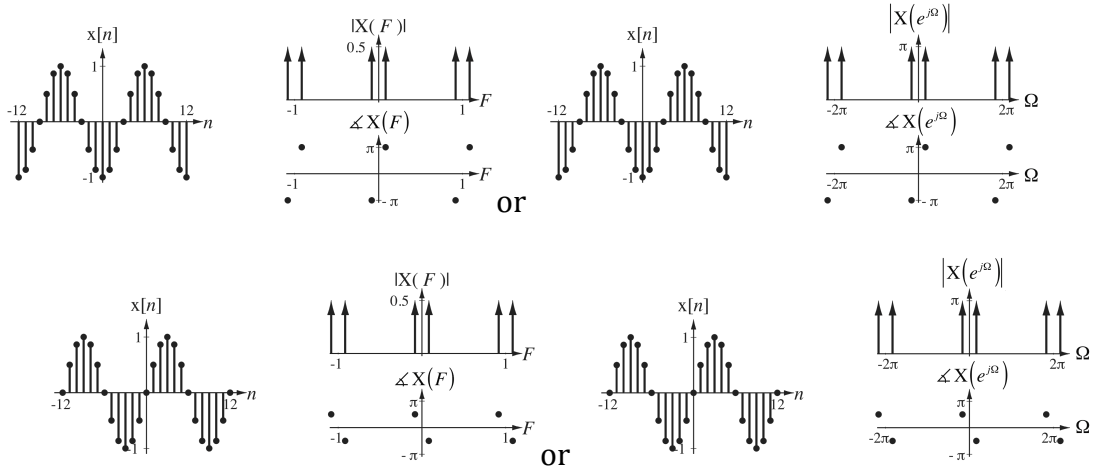
at the end of the exercise statement.

Chapter 7, Page 308, Table 7.5

On the last two lines the letter above the double-headed arrow should be an "F" instead of a "Z".

Chapter 7, Exercise 11

The answer figures should be



Chapter 8, Exercise 12(a)

The answers should be

$$\text{Answers: } \frac{1}{s+1}, \sigma > -1, \frac{1}{s}, \sigma > 0, \frac{s-2}{(s-2)^2 + (200\pi)^2}, \sigma > 2, \frac{e^{-4s}}{s}, \sigma > 0$$

instead of

$$\text{Answers: } \frac{1}{s+1}, \sigma > 1, \frac{1}{s}, \sigma > 0, \frac{s-2}{(s-2)^2 + (200\pi)^2}, \sigma > 2, \frac{e^{-4s}}{s}, \sigma > 0$$

(Add one minus sign.)

Chapter 8, Exercise 26

Delete the line "Answers:" and the four graphics below it.

Chapter 9, Exercise 3

Answers should be

$$\text{Answers: } \frac{z^{-4}}{z-1}, |z| > 1; \frac{z^3}{z-1}, |z| > 1; \frac{9}{4} \frac{z^3}{z-2/3}, |z| > 2/3$$

Chapter 10, Exercise 2

Change

$$x_p(t) = [1000 x(t) \times 0.001 \delta_{0.001}(t)] * \text{rect}(10^4 t)$$

to

$$x_p(t) = [x(t) \delta_{0.001}(t)] * \text{rect}(10^4 t)$$

Chapter 10, Exercise 26

Change

$$-N/2 < k < (N/2) - 1$$

to

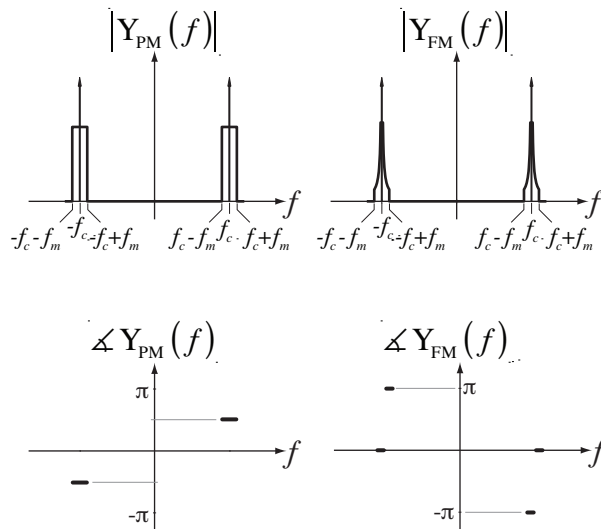
$$-N/2 \leq k < N/2$$

Chapter 11, Page 510, Last set of equations before Example 11.3

Change R_s to R_i (two occurrences). Also, down two text lines, change $-R_f / R_s$ to $-R_f / R_i$.

Chapter 12, Page 572, Figure 12.20

Should be



(Only the lower right-hand graph needs to be corrected.)

Chapter 15, Exercise 18, Second Line

Insert a period after "these transfer functions" to terminate that sentence.