

Problem 1.9 Given $x(t) = 10(1 - e^{-2t})$, plot $x(-t + 1)$.

Solution: $x(-t + 1) = x(-(t - 1))$ is $x(t)$ reversed in time, then delayed by 1.

```
t=linspace(-5,5,1000);x=10-10*exp(-abs(1-t));plot(t,x)
```

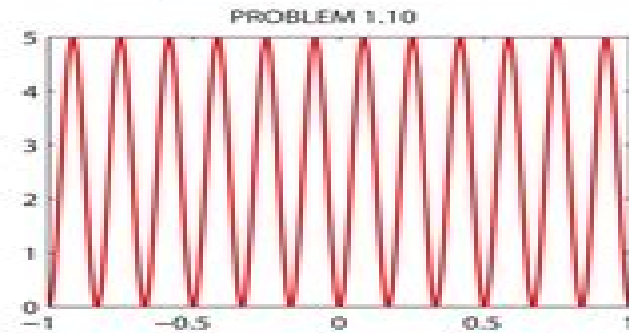
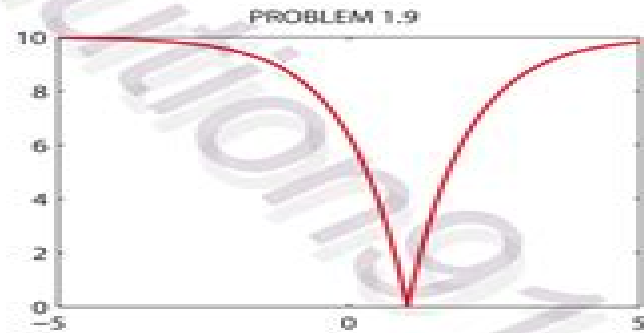


Figure P1.9: Waveforms for Problems 1.9 (left) and 1.10 (right).

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Table of Contents Engineering Signals And Systems Ulaby Solutions Manua

1. Understanding the eBook Engineering Signals And Systems Ulaby Solutions Manua
 - The Rise of Digital Reading Engineering Signals And Systems Ulaby Solutions Manua
 - Advantages of eBooks Over Traditional Books
2. Identifying Engineering Signals And Systems Ulaby Solutions Manua
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Engineering Signals And Systems Ulaby Solutions Manua
 - User-Friendly Interface
4. Exploring eBook Recommendations from Engineering Signals And Systems Ulaby Solutions Manua
 - Personalized Recommendations
 - Engineering Signals And Systems Ulaby Solutions Manua User Reviews and Ratings

- Engineering Signals And Systems Ulaby Solutions Manua and Bestseller Lists
- 5. Accessing Engineering Signals And Systems Ulaby Solutions Manua Free and Paid eBooks
 - Engineering Signals And Systems Ulaby Solutions Manua Public Domain eBooks
 - Engineering Signals And Systems Ulaby Solutions Manua eBook Subscription Services
 - Engineering Signals And Systems Ulaby Solutions Manua Budget-Friendly Options
- 6. Navigating Engineering Signals And Systems Ulaby Solutions Manua eBook Formats
 - ePub, PDF, MOBI, and More
 - Engineering Signals And Systems Ulaby Solutions Manua Compatibility with Devices
 - Engineering Signals And Systems Ulaby Solutions Manua Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Engineering Signals And Systems Ulaby Solutions Manua
 - Highlighting and Note-Taking Engineering Signals And Systems Ulaby Solutions Manua
 - Interactive Elements Engineering Signals And Systems Ulaby Solutions Manua
- 8. Staying Engaged with Engineering Signals And Systems Ulaby Solutions Manua
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Engineering Signals And Systems Ulaby Solutions Manua
- 9. Balancing eBooks and Physical Books Engineering Signals And Systems Ulaby Solutions Manua
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Engineering Signals And Systems Ulaby Solutions Manua
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Engineering Signals And Systems Ulaby Solutions Manua
 - Setting Reading Goals Engineering Signals And Systems Ulaby Solutions Manua
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Engineering Signals And Systems Ulaby Solutions Manua
 - Fact-Checking eBook Content of Engineering Signals And Systems Ulaby Solutions Manua
 - Distinguishing Credible Sources

13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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