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	Dynamic Equations Chapter 11- Oscillations of Fourth Order Functional Dynamic Equations Chapter 12- Oscillations of Higher Order Functional Dynamic Equations Chapter 13- Shift Operators Chapter 14- Impulsive Functional Dynamic Equations Chapter 15- Linear Impulsive Dynamic Systems Appendix: Fréchet Derivatives and Gâteaux Appendix: Pötzsche's Chain Rule Appendix: The Knaster-Tarski Fixed Point Theorem Appendix: Some Elementary Inequalities Knesser's Theorem References Index.

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dynamic systems, and functional dynamic equations. It discusses functional dynamic equations in relation to mathematical physics applications and problems, providing useful tools for investigation for oscillations and nonoscillations of the solutions of functional dynamic equations on time scales. Practice problems are presented throughout the book for use as a graduate-level textbook and as a reference book for specialists of several disciplines, such as mathematics, physics, engineering, and biology.