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Nota di contenuto	Introduction -- Bifurcation Theory and Bistability -- Preisach Models -- Examples of Hysteresis Phenomena in Biology.
Sommario/riassunto	The occurrence of hysteresis phenomena has been traditionally associated with mechanical and magnetic properties of materials. However, recent studies on the dynamics of biological processes suggest switch-like behavior that could be described by mathematical models of hysteresis. This book presents the milestones and perspectives of biological hysteresis and provides a comprehensive and application-oriented introduction to this subject. The target audience primarily comprises researchers but the book may also be beneficial for graduate students.