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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- A Brief History of Mechanical Watch and Clock -- The Mechanics of Swiss Lever Escapement -- The Mechanic of the Spiral Spring -- Automatic Winding Device.- Gear and Power Transmission -- Concluding Remarks. .
Sommario/riassunto	"The Mechanics of Mechanical Watches and Clocks" presents historical views and mathematical models of mechanical watches and clocks. Although now over six hundred years old, mechanical watches and clocks are still popular luxury items that fascinate many people around the world. However few have examined the theory of how they work as presented in this book. The illustrations and computer animations are unique and have never been published before. It will be of significant interest to researchers in mechanical engineering, watchmakers and clockmakers, as well as people who have an engineering background and are interested in mechanical watches and clocks. It will also inspire people in other fields of science and technology, such as mechanical engineering and electronics engineering, to advance their designs.

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