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Nota di contenuto	Frontmatter -- Relation of the Directors to the Work and Publications of the National Bureau of Economic Research -- Contents -- Introduction -- Why Was Rate and Direction So Important? -- Some Features of Research by Economists on Technological Change Foreshadowed by The Rate and Direction of Inventive Activity -- The Economics of Inventive Activity over Fifty Years -- 1. Funding Scientific Knowledge -- 2. The Diffusion of Scientific Knowledge across Time and Space -- 3. The Effects of the Foreign Fulbright Program on Knowledge Creation in Science and Engineering -- 4. Schumpeterian Competition and Diseconomies of Scope -- 5. How Entrepreneurs Affect the Rate and Direction of Inventive Activity -- 6. Diversity and Technological Progress -- 7. Competition and Innovation -- 8. Did Plant Patents Create the American Rose? -- 9. The Rate and Direction of Invention in the British Industrial Revolution -- 10. The Confederacy of Heterogeneous Software Organizations and Heterogeneous Developers -- 11. The Consequences of Financial Innovation -- 12. The Adversity/

Hysteresis Effect -- 13. Generality, Recombination, and Reuse -- The Art and Science of Innovation Policy -- Putting Economic Ideas Back into Innovation Policy -- Why Is It So Difficult to Translate Innovation Economics into Useful and Applicable Policy Prescriptions? -- Can the Nelson- Arrow Paradigm Still Be the Beacon of Innovation Policy? -- Contributors -- Author Index -- Subject Index

Sommario/riassunto

While the importance of innovation to economic development is widely understood, the conditions conducive to it remain the focus of much attention. This volume offers new theoretical and empirical contributions to fundamental questions relating to the economics of innovation and technological change while revisiting the findings of a classic book. Central to the development of new technologies are institutional environments, and among the topics discussed here are the roles played by universities and other nonprofit research institutions and the ways in which the allocation of funds between the public and private sectors affects innovation. Other essays examine the practice of open research and how the diffusion of information technology influences the economics of knowledge accumulation. Analytically sophisticated and broad in scope, this book addresses a key topic at a time when economic growth is all the more topical.
