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Nota di contenuto	Product and process innovation, scientific research, knowledge dynamics, and institutional change : an introduction / Marius T. H. Meeus and Jerald Hage -- Product and process innovation : introduction / Marius T. H. Meeus and Charles Edquist -- Product and process innovations : a review of organizational and environmental determinants / Fariborz Damanpour and Deepa Aravind -- Interorganizational relations and innovation : a review and a theoretical extension / Marius T. H. Meeus and Jan Faber -- Knowledge-based view of radical innovation : Toyota Prius case / Ikujiro Nonaka and Vesa Peltokorpi -- Innovation, competition, and enterprise : foundations for

economic evolution in learning economies / J. Stanley Metcalfe -- Can regulations induce environmental innovations? : an analysis of the role of regulations in the pulp and paper industry in selected industrialized countries / James Foster, Mikael Hilden, and Niclas Adler -- From theory to practice : the use of the systems of innovation approach in innovation policy / Cristina Chaminade and Charles Edquist -- Scientific research : new frameworks : introduction / Jerald Hage -- Factors influencing advances in basic and applied research : variation due to diversity in research profiles / Gretchen B. Jordan -- Network attributes impacting the generation and flow of knowledge within and from the basic science community / Susan A. Mohrman, Jay R. Galbraith, and Peter Monge -- Innovation, learning, and macro-institutional change : the limits of the market model as an organizing principle for research systems / Luke Georghiou -- How is innovation influenced by science and technology policy governance? : transatlantic comparisons / Stefan Kuhlmann and Philip Shapira -- Two styles of knowing and knowledge regimes : between 'explicitation' and 'exploration' under conditions of functional specialization or fragmental distribution / Werner Rammert -- Knowledge dynamics in context : introduction / Harro van Lente and Susan A. Mohrman -- Building innovation capabilities : the development of design-oriented organizations / Armand Hatchuel, Pascal Lemasson, and Benoit Weil -- New sources of radical innovation : research technologies, transversality and distributed learning in a post-industrial order / Terry Shinn -- How markets matter : radical innovation, societal acceptance, and the case of genetically engineered food / Eric Jolivet and Marc Maurice -- Prospective structures of science and science policy / Harro van Lente -- The role of education and training systems in innovation / David Finegold -- Institutions and institutional change : introduction / Jerald Hage -- A path-dependent perspective on institutional and organizational factors shaping major scientific discoveries / J. Rogers Hollingsworth -- Turning tracks? : path dependence, technological paradigm shifts, and organizational and institutional change / Frans van Waarden and Herman Oosterwijk -- Institutional change and societal change : the impact of knowledge transformations / Jerald Hage -- Exporting the Silicon Valley to Europe : how useful is comparative institutional theory? / Steven Casper -- What's new? : general patterns of planned macro-institutional change / John L. Campbell -- Insights for R&D managers / Parry M. Norling.

Sommario/riassunto

Innovation is a key factor not just in the Research and Design process, but in research, institutions, and society. This research handbook is unique in examining research findings and new theoretical models relating to innovation at a number of analytic levels: projects, organizations, industrial sectors, and society. - ;Innovation is central to the dynamics and success of organizations and society in the modern world, the process famously referred to by Schumpeter as 'gales of creative destruction'. This ambitious and wide ranging book makes the case for a new approach to the study of innovat