Record Nr. UNINA9910554223603321 Autore Narayanamurti Venkatesh <1939-> Titolo The genesis of technoscientific revolutions: rethinking the nature and nurture of research / / Venkatesh Narayanamurti and Jeffrey Y. Tsao Pubbl/distr/stampa Cambridge, Massachusetts;; London, England:,: Harvard University Press, , [2021] ©2021 **ISBN** 0-674-27028-2 0-674-27027-4 Descrizione fisica 1 online resource Disciplina 001.4068 Soggetti Research - Management Research - Methodology Technology - Research - Methodology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Nota di contenuto The technoscientific method - science, technology and their coevolution: The repositories of technoscientific knowledge: S and T --The growth of technoscientific knowledge: S and T -- Cycles of S and T: the transistor and the maser/laser -- Recapitulation -- The intricate dance of question-and-answer finding: Networks of questions and answers: Q and A -- Finding new questions and answers: Q and A --Cycles of Q and A: special relativity and the iPhone -- Recapitulation --The punctuated equilibria of knowledge evolution - surprise and

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Sommario/riassunto

"Scientific progress doesn't always precede engineering advances; it often follows. Answering questions isn't always the goal; finding questions often is. Sometimes we seek to strengthen conventional

wisdom; sometimes to surprise it. What if we could rethink nurturing research, through policy and management, to harmonize with the nature of research?"--