

1. Record Nr.	UNINA9910156339303321
Autore	Kool V.K
Titolo	Psychology of Technology // by V.K. Kool, Rita Agrawal
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XXIV, 384 p. 30 illus., 24 illus. in color.)
Disciplina	616.89
Soggetti	Clinical psychology Psychology Clinical Psychology General Psychology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	The emerging nature of psychology of technology -- Technology, psychology and evolution -- Technology and sensory, perceptual and cognitive processes -- Technology and motor behavior: the Cinderella of modern psychology -- Behavior in the virtual environment -- Technology and Hedonism -- Psychology of Technology in the 21st Century.
Sommario/riassunto	This unique treatise expands on the philosophy of technology to argue for a psychology of technology based on the complex relationships between psychology, biology and technology, especially in the light of our relationships with our digital devices, our online lives, and our human experience. Drawing from disciplines ranging from philosophy and evolution to cognition and neuroscience, it examines myriad aspects of the brain's creative development: the cognitive, sensory, and motor processes that enable technological progress and its resulting efficiencies and deficiencies along with our discomforts and pleasures. These experiences are key to behavioral and affective processes in technology, manifest in such diverse phenomena as multitasking, the shift in tech design from ergonomics to hedonomics, and the many types of online problem behaviors. Through these rich pages, readers can understand more deeply the history and future of human

adjustment and adaptation in an environment intertwined with technology—and, with the ascendance of video games and virtual reality, new conceptions of the human self. Among the topics covered: Could we have remained a tech-devoid society? Technology, ergonomics and the non-executive functions of our body. New directions in brain-computer interface. From avatars and agents to virtual reality technology. On measuring affective responses to objects. Psychology, technology, ethics, and culture. A timely lens on a field that will grow in importance as it shapes our existence, Psychology of Technology will be read and discussed by not only psychologists, social scientists, and behavioral scientists, but also by technology designers and developers and those in biotechnology.
