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Nota di contenuto	Interaction Design for Metacreative Systems -- De-Instrumentalizing HCI: Social Psychology, Rapport Formation, and Human Interactions with Machine Learning -- Artificial Intelligence -- Perceptual Computing -- 3D Printing Technologies: A Third Wave Perspective -- History and Context of CNC and Additive Manufacturing -- Physical Computing: when digital systems meet the real world -- Parametric Design -- The Internet of Things -- Leisure and Home -- The Three Waves of Accessibility Inclusive Design -- Health Informatics -- Deep Subjectivity and Empathy in Virtual Reality: A Case Study on the Autism TMI Virtual Reality Experience -- Sonification and HCI -- Drone Interaction. .
Sommario/riassunto	As the first extensive exploration of contemporary third wave HCI, this handbook covers key developments at the leading edge of human-

computer interactions. Now in its second decade as a major current of HCI research, the third wave integrates insights from the humanities and social sciences to emphasize human dimensions beyond workplace efficiency or cognitive capacities. The earliest HCI work was strongly based on the concept of human-machine coupling, which expanded to workplace collaboration as computers came into mainstream professional use. Today HCI can connect to almost any human experience because there are new applications for every aspect of daily life. Volume 1 - Technologies covers technical application areas related to artificial intelligence, metacreation, machine learning, perceptual computing, 3D printing, critical making, physical computing, the internet of things, accessibility, sonification, natural language processing, multimodal display, and virtual reality.
