Record Nr. UNINA9910462205103321 Autore Montemayor Carlos Titolo Minding time [[electronic resource]]: a philosophical and theoretical approach to the psychology of time / / by Carlos Montemayor Leiden: Boston: Brill, 2012 Pubbl/distr/stampa **ISBN** 1-283-63483-X 90-04-23617-1 Descrizione fisica 1 online resource (168 p.) Collana Supplements to the study of time;; v. 5 Disciplina 115 Time Soggetti Cosmology Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Preliminary Material -- Introduction -- Periodic and Interval Clocks: The Uniformity of Time and the Units of Time -- Sensory-Motor Representations of Time, the Outputs of the Clocks and the Two Constraints on Motor Time Coordination -- A Two-Phase Model of the Present (Coordination and Experience) -- Conclusion -- Bibliography Sommario/riassunto Minding Time: A Philosophical and Theoretical Approach to the Psychology of Time offers a theoretical account of the most fundamental kinds of time representation, drawing on philosophy, psychology, neuroscience, and biology. Recent experimental findings on creatures from bees to scrub-jays to human beings have demonstrated the complex - and astoundingly reliable - functioning of biological clocks. These clocks, Carlos Montemayor argues, make possible representations of duration that are then anchored to representations of simultaneity, and they do so independently of conscious information or representations of the self. Montemayor offers an innovative philosophical explanation of how representations of duration and simultaneity relate to the consciously experienced

present moment. No theory has integrated the research on representations of simultaneity and duration. Minding Time: A

Philosophical and Theoretical Approach to the Psychology of Time provides such a theory, showing that the metric constraints on time measurements are not dependent on phenomenal consciousness.