

1. Record Nr.	UNISANNIOTO00505380	
Autore	Partito socialista italiano	
Titolo	Governare il cambiamento : conferenza programmatica del PSI : Rimini, 31 marzo-4 aprile 1982	
Pubbl/distr/stampa	[S.l., : s.n., 1982?] ( (Pomezia) : Rotostilgraf	
Descrizione fisica	268 p. : ill. ; 28 cm	
Classificazione	IT/442.5/PSI XO.8/1982	
Disciplina	324.245074 324.2450742	
Soggetti	Partito socialista italiano	
Collocazione	POZZO LIB.F. SANTI	657
Lingua di pubblicazione	Italiano	
Formato	Materiale a stampa	
Livello bibliografico	Monografia	
Note generali	Sul front.: I testi riportati in questo volume sono la sintesi degli interventi pubblicati sull'Avanti.	

2. Record Nr.	UNINA9910736009603321
Autore	Guyet Thomas
Titolo	Chronicles: Formalization of a Temporal Model / / by Thomas Guyet, Philippe Besnard
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	9783031336935 3031336933
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (132 pages)
Collana	SpringerBriefs in Computer Science, , 2191-5776
Altri autori (Persone)	BesnardPhilippe
Disciplina	006.312
Soggetti	Data mining Pattern recognition systems Space in economics Data Mining and Knowledge Discovery Automated Pattern Recognition Spatial Economics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Preface -- Contents -- List of Symbols -- List of Figures -- 1 Introduction -- 1.1 Why Study Chronicles? -- 1.1.1 Situation Recognition -- 1.1.2 Abstracting Sequences -- 1.2 The Role of a Chronicle and Its Components -- 1.2.1 Injective Mapping from Events in Chronicles to Events in Sequences -- 1.2.2 Consistency and Redundancy of Temporal Constraints -- 1.3 Notions of Temporal Constraints -- 1.3.1 Edge Directions and Negativity of the Temporal Constraints -- 1.3.2 Unlimited Edges vs. Absence of Edges -- 1.3.3 What Is the Meaning of Multiple Temporal Constraints Between Two Events? -- 2 A Formal Account of Chronicles -- 2.1 Preliminary Definitions -- 2.1.1 Event Types and Events -- 2.1.2 Chronicles -- 2.2 Multiset Embeddings -- 2.3 A Preorder Between Chronicles -- 2.4 Chronicles and Subgraph Isomorphisms -- 3 Structuring the Space of Chronicles -- 3.1 Introduction -- 3.2 A Partial Order Between Slim Chronicles -- 3.3 Simple Chronicles -- 3.4 Intersection Between Chronicles -- 3.5 Semilattice Structure for Subspaces of the Chronicles

-- 3.6 Summary -- 4 Occurrences of a Chronicle -- 4.1 Introduction -- 4.2 Occurrence of a Chronicle -- 4.3 Counting Occurrences of a Chronicle -- 4.4 Conclusion -- 5 Inducing Chronicles from Event Sequences -- 5.1 Introduction -- 5.2 Generating a Chronicle from a Sequence -- 5.3 Inducing a Chronicle from Event Sequences -- 5.3.1 Dataset of Event Sequences -- 5.3.2 Abstracting a Dataset of Sequences with Chronicles -- 5.3.3 A Dataset Chronicles Reduct -- 5.3.4 Summary -- 5.4 Mining Chronicles from Event Sequences -- 5.4.1 Basic Notions -- 5.4.2 Frequent Chronicles -- 5.4.3 Formal Concept Analysis and Pattern Structures -- 5.4.4 Applying Pattern Structures to Chronicles -- 5.5 Conclusion -- 6 Conclusion -- 6.1 Summary -- 6.2 Perspectives -- A Proofs -- A.1 Proofs for Sect.2.1.2 -- A.2 Proofs for Sect.3.2. A.3 Proofs for Sect.3.3 -- A.4 Proofs for Sect.3.5 -- A.5 Proofs for Sect. 4.2 -- A.6 Proofs for Sect.5.2 -- A.7 Proofs for Sect.5.3.3 -- A.8 Proofs for Sect.5.4.1 -- A.9 Proofs for Sect.5.4.4 -- B Additional Content -- B. 1 Joint Intersection on the Set of Simple Chronicles -- References -- Index.

## Sommario/riassunto

This book is intended as an introduction to a versatile model for temporal data. It exhibits an original lattice structure on the space of chronicles and proposes new counting approach for multiple occurrences of chronicle occurrences. This book also proposes a new approach for frequent temporal pattern mining using pattern structures. This book was initiated by the work of Ch. Dousson in the 1990's. At that time, the prominent format was Temporal Constraint Networks for which the article by Richter, Meiri and Pearl is seminal. Chronicles do not conflict with temporal constraint networks, they are closely related. Not only do they share a similar graphical representation, they also have in common a notion of constraints in the timed succession of events. However, chronicles are definitely oriented towards fairly specific tasks in handling temporal data, by making explicit certain aspects of temporal data such as repetitions of an event. The notion of chronicle has been applied both for situation recognition and temporal sequence abstraction. The first challenge benefits from the simple but expressive formalism to specify temporal behavior to match in a temporal sequence. The second challenge aims to abstract a collection of sequences by chronicles with the objective to extract characteristic behaviors. This book targets researchers and students in computer science (from logic to data science). Engineers who would like to develop algorithms based on temporal models will also find this book useful. .