Automatically Ordering Events and Times in Text (Studies in Computational Intelligence)

Leon R.A. Derczynski
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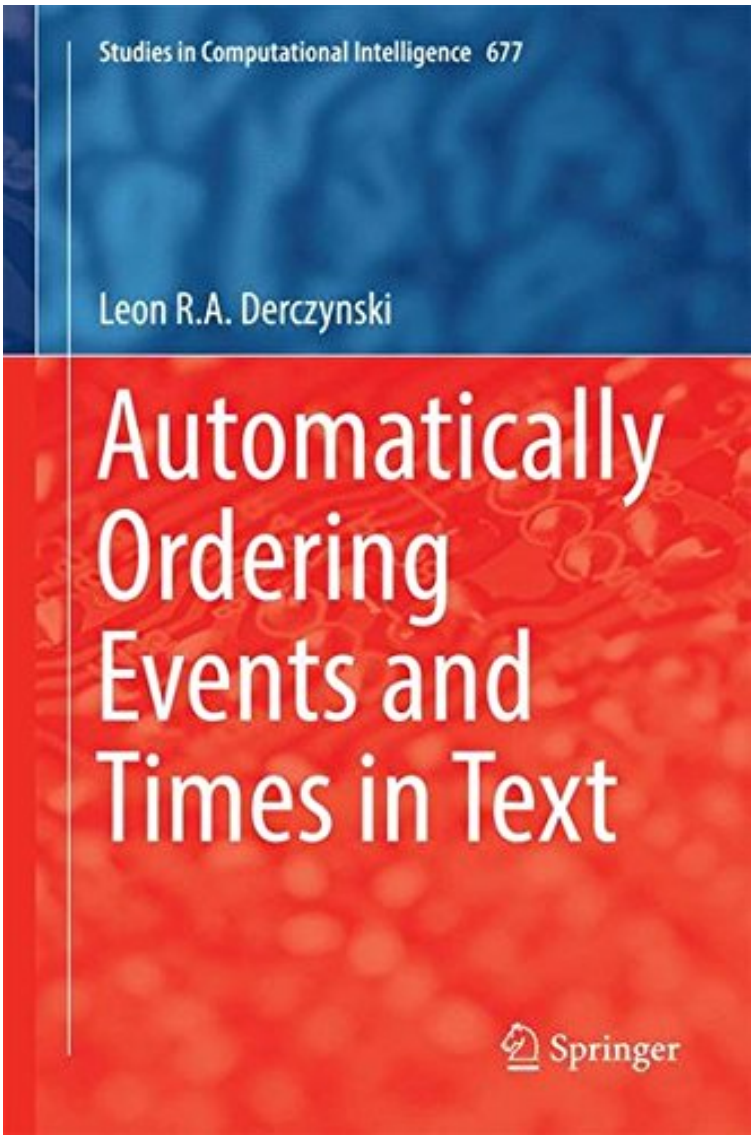

#9587589 in Books Ingramcontent 2016-10-19Original language:EnglishPDF # 1 9.21 x .56 x 6.14l, .0 #File Name: 3319472402205 pagesAutomatically Ordering Events and Times in Text Studies in Computational Intelligence | File size: 43.Mb

Leon R.A. Derczynski : Automatically Ordering Events and Times in Text (Studies in Computational Intelligence) before purchasing it in order to gage whether or not it would be worth my time, and all praised

Automatically Ordering Events and Times in Text (Studies in Computational Intelligence):

The book offers a detailed guide to temporal ordering, exploring open problems in the field and providing solutions and extensive analysis. It addresses the challenge of automatically ordering events and times in text. Aided by TimeML, it also describes and presents concepts relating to time in easy-to-compute terms. Working out the order that events and times happen has proven difficult for computers, since the language used to discuss time can be vague and complex. Mapping out these concepts for a computational system, which does not have its own inherent idea of time, is, unsurprisingly, tough. Solving this problem enables powerful systems that can plan, reason about events, and construct stories of their own accord, as well as understand the complex narratives that humans express and comprehend so naturally. This book presents a theory and data-driven analysis of temporal ordering, leading to the identification of exactly what is difficult about the task. It then proposes and evaluates machine-learning solutions for the major difficulties.It is a valuable resource for those working in machine learning for natural language processing as well as anyone studying time in language, or involved in annotating the structure of time in documents.