The Description Logic Handbook: Theory, Implementation And Applications
Description logics are embodied in several knowledge-based systems and are used to develop various real-life applications. Now in paperback, The Description Logic Handbook provides a thorough account of the subject, covering all aspects of research in this field, namely: theory, implementation, and applications. Its appeal will be broad, ranging from more theoretically oriented readers, to those with more practically oriented interests who need a sound and modern understanding of knowledge representation systems based on description logics. As well as general revision throughout the book, this new edition presents a new chapter on ontology languages for the semantic web, an area of great importance for the future development of the web. In sum, the book will serve as a unique resource for the subject, and can also be used for self-study or as a reference for knowledge representation and artificial intelligence courses.

This book is collection of old research papers. If you are new DL, this is the place you have to start. This book is not easy to read. It took me to 5 months to complete the book. This book has very less examples. I would say that’s a only negative. I highly recommend this book for graduate level course and researchers in this field.

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