Argumentation Schemes for Presumptive Reasoning

Douglas N. Walton

Argumentation Schemes For Presumptive Reasoning

Paul E. Dunne, Trevor J. M. Bench-Capon

Argumentation Schemes For Presumptive Reasoning:

Argumentation Schemes for Presumptive Reasoning Douglas N. Walton, 1996 First Published in 1995 Routledge is an imprint of Taylor Francis an informa company **Groundwork in the Theory of Argumentation** J. Anthony Blair, 2011-10-20 J Anthony Blair is a prominent international figure in argumentation studies He is among the originators of informal logic an author of textbooks on the informal logic approach to argument analysis and evaluation and on critical thinking and a founder and editor of the journal Informal Logic Blair is widely recognized among the leaders in the field for contributing formative ideas to the argumentation literature of the last few decades This selection of key works provides insights into the history of the field of argumentation theory and various related disciplines It illuminates the central debates and presents core ideas in four main areas Critical Thinking Informal Logic Argument Theory and Logic Dialectic and **Argumentation Schemes** Douglas Walton, Christopher Reed, Fabrizio Macagno, 2008-08-04 This book provides Rhetoric a systematic analysis of many common argumentation schemes and a compendium of 96 schemes The study of these schemes or forms of argument that capture stereotypical patterns of human reasoning is at the core of argumentation research Surveying all aspects of argumentation schemes from the ground up the book takes the reader from the elementary exposition in the first chapter to the latest state of the art in the research efforts to formalize and classify the schemes outlined in the last chapter It provides a systematic and comprehensive account with notation suitable for computational applications that increasingly make use of argumentation schemes Argument, Inference and Dialectic R.C. Pinto, 2013-03-14 Chapters 1 12 of this volume contain the papers on infonnal logic and argumentation that I ve published and or read at conferences over the last 17 years These papers are reproduced here pretty much unchanged from their first appearance it is my intention that their appearance here constitute a record of my positions and arguments at the time of their original publication or delivery I ve made minor changes in fonnat in the style of references etc for the sake of consistency I ve also corrected typographical errors and the like The only extensive changes in wording occur in the last few pages of Chapter 7 and were made only to enable the reader to see more clearly what I was getting at in my first attempt to write about the notion of coherence Chapter 13 was written expressly for this volume It looks retrospectively at the contents of the first 12 chapters and attempts to highlight the unifying themes that run through them It also revisits the ideas about dialectic that occupied my first in light of later developments in my thinking but also re paper reworking them emphasizing themes about which I ve tended to remain silent in the last few years Arguments, Stories and Criminal Evidence Floris J. Bex, 2011-02-15 In this book a theory of reasoning with evidence in the context of criminal cases is developed The main subject of this study is not the law of evidence but rather the rational process of proof which involves constructing testing and justifying scenarios about what happened using evidence and commonsense knowledge A central theme in the book is the analysis of ones reasoning so that complex patterns are made more explicit and clear This analysis uses stories about

what happened and arguments to anchor these stories in evidence Thus the argumentative and the narrative approaches from the research in legal philosophy and legal psychology are combined Because the book describes its subjects in both an informal and a formal style it is relevant for scholars in legal philosophy AI logic and argumentation theory The book can also appeal to practitioners in the investigative and legal professions who are interested in the ways in which they can and should reason with evidence Computational Models of Argument Paul E. Dunne, Trevor J. M. Bench-Capon, 2006 The papers in this volume formed the programme of the 1st International Conference on Computational Models of Argument COMMA which was hosted by the Dept of Computer Science of the University of Liverpool from Sept 11th 12th 2006 Pref

Argumentation in Science Education Sibel Erduran, María Pilar Jiménez-Aleixandre, 2007-12-06 Our conversations about arguments began in Nashville in the Spring of 1996 in Richard Duschl s doctoral seminar that we were both attending Marilar Jim nez Aleixandre as a visiting scholar at Vanderbilt University Jim nez Aleixandre and Duschl were designing authentic problems in genetics for the University of Santiago de Compostela based RODA project aimed at engaging high school students in argumentation Erduran and Duschl had been working on Project SEPIA extending their work in Pittsburgh schools to the design of curricula that support epistemological aspects of scientific inquiry including argumentation In that spring we attended a NARST s sion in St Louis where Gregory Kelly Steven Druker and Catherine Chen presented a paper about argumentation As a consequence a symposium about argumentation was organised possibly the first of its kind at the 1997 NARST meeting in Chicago including papers from Kelly and colleagues and from Jim nez Aleixandre Bugallo and Duschl The symposium was attended among others by Rosalind Driver who had just submitted an application for funding of an argumentation project based at King's College London a project Erduran would incidentally work on after Driver's untimely death From this time frame in the 1990s to the present day argumentation studies in science education have increased at a rapid pace from stray papers for which we were unable to find an appropriate strand in a conference to a wealth of research base exploring ever more sophisticated issues **Argumentation in Multi-Agent Systems** Peter McBurney, Iyad Rahwan, Simon D. Parsons, 2012-02-21 This book constitutes the thoroughly reviewed post proceedings of the 7th International Workshop on Argumentation in Multi Agent Systems ArgMas 2010 held in Toronto Canada in May 2010 as a satellite workshop of AAMAS 2010 The 14 revised full papers taken from ArgMAS 2010 were carefully reviewed and improved during two rounds of revision Also included are 4 invited papers based on presentations on argumentation at the AAMAS 2010 main conference All together the 18 papers included in the book give a representative overview on current research on argumentation in multi agent systems. The papers are organized in topical sections on practical reasoning and argument about action applications and theoretical aspects Argumentation in Multi-Agent Systems Iyad Rahwan, Pavlos Moraitis, Chris Reed, 2005-02-18 The theory of argumentation is a rich interdisciplinary area of research involving philosophy communications studies linguistics psychology and logics Its techniques have found a wide range of applications in both

theoretical and practical branches of artificial intelligence and computer science Multi agent systems theory has picked up argumentation inspired approaches and specifically argumentation theoretic results from many different areas Researchers in argumentation and multi agent systems are currently enjoying a unique opportunity to integrate the various understandings of argument into a coherent and core part of the functioning of autonomous computational systems This book originates from the First International Workshop on Argumentation in Multi Agent Systems ArgMAS 2004 held in New York NY USA in July 2004 Besides 12 selected revised full papers taken from the workshop 4 additional papers by key people in the area round off overall coverage of the relevant topics. The papers address the following main topics foundations of dialogues belief revision persuasion and deliberation negotiation and strategic issues **Statutory Interpretation** Douglas Walton, Fabrizio Macagno, Giovanni Sartor, 2021-01-21 Combining pragmatics dialectics analytics and legal theory this work translates interpretative canons into patterns of natural argument Emotive Language in Argumentation Fabrizio Macagno, Douglas Walton, 2014-02-17 This book analyzes the uses of emotive language and redefinitions from pragmatic dialectical epistemic and rhetorical perspectives investigating the relationship between emotions persuasion and meaning and focusing on the implicit dimension of the use of a word and its dialectical effects It offers a method for evaluating the persuasive and manipulative uses of emotive language in ordinary and political discourse Through the analysis of political speeches including President Obama's Nobel Peace Prize address and legal arguments the book offers a systematic study of emotive language in argumentation rhetoric communication political science and public speaking The Practice of **Argumentation** David Zarefsky, 2019-09-19 Explores how we justify our beliefs and try to influence those of others both Computational Models of Argument B. Verheij, S. Szeider, S. Woltran, 2012-09-04 The subject soundly and effectively of argumentation has been studied since ancient times but it has seen major innovations since the advent of the computer age Software already exists which can create and evaluate arguments in high stake situations such as medical diagnosis and criminal investigation formal systems can help us appreciate the role of the value judgments which underlie opposing positions and it is even possible to enter into argumentative dialogues as if playing a computer game This book presents the 28 full papers 17 short papers and a number of system demonstrations described in an extended abstract from the 2012 biennial Computational Models of Argument COMMA conference held in Vienna Austria Papers by the invited speakers Professor Trevor Bench Capon Professor Erik Krabbe and Professor Keith Stenning are also included This year for the first time COMMA invited the submission of papers for an innovative applications track and those which were accepted for presentation are included in this volume Argumentation can be studied from many angles including the artificial natural and theoretical systems perspective Presentations at the 2012 conference addressed the subject from these perspectives and Rigour and Reason: Essays in Honour of Hans Vilhelm Hansen J. Anthony Blair , Christopher W. many more Tindale,2020-06-11 Built in the centre of Copenhagen and noted for its equestrian stairway the Rundetaarn Round Tower was intended as an astronomical observatory Part of a complex of buildings that once included a university library it affords expansive views of the city in every direction towering above what surrounds it The metaphor of the towering figure who sees what others might not whose vantage point allows him to visualize how things fit together and who has an earned stature of respect and authority fits another Danish stalwart Hans Vilhelm Hansen whose contributions to the fields of informal logic and argument theory have earned the gratitude of his colleagues and inspired this collection of essays written to express the appreciation of its authors and of the many many colleagues they represent **Argument Evaluation and Evidence** Douglas Walton, 2015-08-04 This monograph poses a series of key problems of evidential reasoning and argumentation It then offers solutions achieved by applying recently developed computational models of argumentation made available in artificial intelligence Each problem is posed in such a way that the solution is easily understood The book progresses from confronting these problems and offering solutions to them building a useful general method for evaluating arguments along the way It provides a hands on survey explaining to the reader how to use current argumentation methods and concepts that are increasingly being implemented in more precise ways for the application of software tools in computational argumentation systems It shows how the use of these tools and methods requires a new approach to the concepts of knowledge and explanation suitable for diverse settings such as issues of public safety and health debate legal argumentation forensic evidence science education and the use of expert opinion evidence in personal and public deliberations Argumentation in Multi-Agent Systems Simon D. Parsons, Nicolas Maudet, Pavlos Moraitis, Iyad Rahwan, 2006-07-25 This book constitutes the thoroughly refereed post proceedings of the Second International Workshop on Argumentation in Multi Agent Systems held in Utrecht Netherlands in July 2005 as an associated event of AAMAS 2005 the main international conference on autonomous agents and multi agent systems. The 10 revised full papers presented together with an invited paper were carefully reviewed and selected from 17 submissions. The papers are organized in topical sections on foundations negotiation protocols deliberation and coalition formation and consensus formation Reflections on Theoretical Issues in Argumentation Theory Frans H. van Eemeren, Bart Garssen, 2015-08-08 This volume presents a selection of papers reflecting key theoretical issues in argumentation theory. Its six sections are devoted to specific themes including the analysis and evaluation of argumentation argument schemes and the contextual embedding of argumentation The section on general perspectives on argumentation discusses the trends of empiricalization contextualization and formalization offers descriptions of the analytical and evaluative tools of informal logic and highlights selected principles that argumentation theorists do and do not agree upon In turn the section on linguistic approaches to argumentation focuses on the problem of distinguishing between explanation and argument while also elaborating on the role of verbal indicators of argument schemes All essays included in this volume point out notable recent developments in the study of argumentation The Routledge Handbook of Language and Persuasion Jeanne Fahnestock, Randy Allen Harris, 2022-09-30 This handbook

provides a wide ranging authoritative and cutting edge overview of language and persuasion Featuring a range of international contributors the handbook outlines the basic materials of linguistic persuasion sound words syntax and discourse and the rhetorical basics that they enable such as appeals argument schemes arrangement strategies and accommodation devices After a comprehensive introduction that brings together the elements of linguistics and the vectors of rhetoric the handbook is divided into six parts Part I covers the basic rhetorical appeals to character the emotions argument schemes and types of issues that constitute persuasion Part II covers the enduring effects of persuasive language from humor to polarization while a special group of chapters in Part III examines figures of speech and their rhetorical uses In Part IV contributors focus on different fields and genres of argument as entry points for research into conventions of arguing Part V examines the evolutionary and developmental roots of persuasive language and Part VI highlights new computational methods of language analysis This handbook is essential reading for those researching and studying persuasive language in the fields of linguistics rhetoric argumentation communication discourse studies political science psychology digital studies mass media and journalism Trends in Multiple Criteria Decision Analysis Salvatore Greco, Matthias Ehrgott, José Rui Figueira, 2010-09-10 Multiple Criteria Decision Making MCDM is the study of methods and procedures by which concerns about multiple conflicting criteria can be formally incorporated into the management planning process A key area of research in OR MS MCDM is now being applied in many new areas including GIS systems AI and group decision making This volume is in effect the third in a series of Springer books by these editors all in the ISOR series and it brings all the latest developments in MCDM into focus Looking at developments in the applications methodologies and foundations of MCDM it presents research from leaders in the field on such topics as Problem Structuring Methodologies Measurement Theory and MCDA Recent Developments in Evolutionary Multiobjective Optimization Habitual Domains and Dynamic MCDM in Changeable Spaces Stochastic Multicriteria Acceptability Analysis and many more chapters

Argumentation Methods for Artificial Intelligence in Law Douglas Walton, 2005-06-30 Use of argumentation methods applied to legal reasoning is a relatively new field of study. The book provides a survey of the leading problems and outlines how future research using argumentation based methods show great promise of leading to useful solutions. The problems studied include not only these of argument evaluation and argument invention but also analysis of specific kinds of evidence commonly used in law like witness testimony circumstantial evidence forensic evidence and character evidence. New tools for analyzing these kinds of evidence are introduced.

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