Jørgen Fischer Nilsson - DTU Orbit (18/11/2018)

Nilsson, Jørgen Fischer
jfni@dtu.dk

Department of Applied Mathematics and Computer Science - Professor
Algorithms and Logic

Research outputs:

A Natural Logic for Natural-language Knowledge Bases
Research output: Research - peer-review › Book chapter – Annual report year: 2017

Pathway computation in models derived from bio-science text sources
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

Querying Natural Logic Knowledge Bases
Research output: Research - peer-review › Article in proceedings – Annual report year: 2017

On the Relationship between a Computational Natural Logic and Natural Language
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

A System for Conceptual Pathway Finding and Deductive Querying
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Computing Pathways in Bio-Models Derived from Bio-Science Text Sources
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

In Pursuit of Natural Logics for Ontology-Structured Knowledge Bases
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

A Case for Embedded Natural Logic for Ontological Knowledge Bases
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

A System for Computing Conceptual Pathways in Bio-medical Text Models
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014
IS-A diversified
Research output: Research - peer-review › Book chapter – Annual report year: 2014

Regaining the Square of Opposition in Formal Ontology Development
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014

Conceptual Pathway Querying of Natural Logic Knowledge Bases from Text Bases
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

Diagrammatic Reasoning with Classes and Relationships
Research output: Research - peer-review › Book chapter – Annual report year: 2013

A Semantics-Based Approach to Retrieving Biomedical Information
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Querying Class-Relationship Logic in a Metalogic Framework
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011

Computing an Ontological Semantics for a Natural Language Fragment
Research output: Research › Ph.D. thesis – Annual report year: 2010

Logik, computere og kunstig intelligens
Research output: Education › Book chapter – Annual report year: 2009

ONTOGRABBING: Extracting Information from Texts Using Generative Ontologies
Research output: Research - peer-review › Book chapter – Annual report year: 2009

A Common Framework for Board Games and Argumentation Games
Research output: Research › Article in proceedings – Annual report year: 2008

A rule-sceptic characterization of acceptable legal arguments
Entity-Relationship Models reconsidered as Grammars and Algebras
Research output: Research - peer-review › Article in proceedings – Annual report year: 2004

Grammatical Specification of Domain Ontologies
Research output: Research - peer-review › Journal article – Annual report year: 2004

Synthesis of Programs in Computational Logic
Research output: Research - peer-review › Book chapter – Annual report year: 2004

Ontology-based Semantics for Prepositions
Research output: Research - peer-review › Article in proceedings – Annual report year: 2003

Are there Ontological Grammars?
Research output: Research - peer-review › Article in proceedings – Annual report year: 2002

Concept Descriptions for Text Search
Research output: Research - peer-review › Article in proceedings – Annual report year: 2002

Ontological Extraction of Content for Text Querying
Research output: Research - peer-review › Article in proceedings – Annual report year: 2002

OntoQuery: Ontology-based Querying of Texts
Research output: Research - peer-review › Article in proceedings – Annual report year: 2002

A logico-algebraic framework for ontologies
Research output: Research - peer-review › Article in proceedings – Annual report year: 2001

Concept descriptions for text search
Research output: Research - peer-review › Article in proceedings – Annual report year: 2001

Generative ontologies, ontological types, and conceptual grammars, in ontologies and search
Research output: Research - peer-review › Article in proceedings – Annual report year: 2001

Logic program synthesis as problem reduction using combining forms
Research output: Research - peer-review › Journal article – Annual report year: 2001

Approaches to Concept Based Exploration of Information Sources
Research output: Research - peer-review › Article in proceedings – Annual report year: 2000
 Ontology-based Querying
Research output: Research - peer-review › Article in proceedings – Annual report year: 2000

A Conceptual Space Logic
Research output: Research - peer-review › Article in proceedings – Annual report year: 1999

Conceptual Graphs as Algebras - with an Application to Analogical Reasoning
Research output: Research - peer-review › Article in proceedings – Annual report year: 1999

Inductive Logic Programming with Well-modedness Constraints
Research output: Research - peer-review › Article in proceedings – Annual report year: 1999

Inductive Synthesis of Logic Programs by Composition of Combinatory Program Schemes
Research output: Research - peer-review › Article in proceedings – Annual report year: 1999

Data Logic
Research output: Research - peer-review › Book – Annual report year: 1998

Inducing queries from examples as concept formation
Research output: Research - peer-review › Article in proceedings – Annual report year: 1998

Inductive Synthesis of Logic Programs by Composition of Combinatory Program Schemes
Research output: Research - peer-review › Article in proceedings – Annual report year: 1998

Towards computing with Extensions and Intensions of Concepts
Research output: Research - peer-review › Article in proceedings – Annual report year: 1998

Fuzzy Querying in a Concept Object Algebraic Model
Research output: Research - peer-review › Article in proceedings – Annual report year: 1997

Towards a Logic Programming Methodology based on Higher-order Predicates
Research output: Research - peer-review › Journal article – Annual report year: 1997

Declarative logic programming with primitive recursive relations on lists
Research output: Research - peer-review › Article in proceedings – Annual report year: 1996
Projects:

Relational Database Systems - Formalization and Realization.
Nilsson, J. F. & Bjarklev, A. O.
01/02/1974 → 04/10/1977
Project: PhD

Logiske teorier for datamaskinel introspektion og selv-reference med henblik på autonome agenter
Bolander, T., Nilsson, J. F., Jensen, H. E., Pedersen, S. A., Fitting, M. & Gehrke, M.
DTU-lønnet stipendie
01/09/1999 → 16/02/2004
Project: PhD

Geodata-Infrastruktur
Ansøgt eksternt
01/02/2002 → 01/08/2007
Project: PhD

Meta-logiske teorier i datalogien
DTU-stipendium
01/09/1989 → 06/09/1995
Project: PhD

Sprog og logikker for ontologier
DTU-lønnet stipendie
01/08/2000 → 16/02/2004
Project: PhD

Formal Ontologies + Natural language semantics = Ontological semantics
DTU, Samfinansiering
01/10/2007 → 22/06/2011
Project: PhD

Compositional logic programming
Nilsson, J. F. & Hamfelt, A.
01/12/2000 → 01/01/9999
Project: Research

ONTOQUERY Ontology-based Querying
01/01/1999 → 31/12/2004
Project: Research

Knowledge Base Methodology
Nilsson, J. F. & Bruun, H.
01/02/1995 → ...
Logic Programming Methodology
Nilsson, J. F.
01/01/1995 → ...
Project: Research