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h-index (Scopus):

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Citations (Scopus):

96

Supervised MSc Theses

#	Thesis title	By	Date
1	model theory of valued difference field	Bahareh Baharinezhad & Masoud Pourmahdian	April 2021
2	Topic of cardinal arithmetic	Zakieh Zakery & Masoud Pourmahdian	July 2020
3	non locality in quantum information theory	Hamid Reza Saadi & Masoud Pourmahdian	July 2020
4	FRAÏSSÉ LIMITS OF C^* -ALGEBRAS	Morteza Naderi & Masoud Pourmahdian	June 2020
5	model theory of algebraically closed valued fields	Yasmin Tousinezhad & Masoud Pourmahdian	September 2019
6	Fraïssé construction in continuous logic	Faezeh Safaee & Masoud Pourmahdian	February 2019
7	pseudofinite structures and simplicity	Pouyan Goudarzi & Masoud Pourmahdian	October 2018
8	Topological Interpretations Of Provability Logic	Ramin Soleymani & Masoud Pourmahdian	October 2017
9	The Modal Logic of Forcing	Rahman Mohammadpour & Masoud Pourmahdian	September 2015

10	Topics in model theory of modal logic	Younes Ahmadi & Masoud Pourmahdian	February 2015
11	model theory of neighbourhood structures	Mohammad Javad Azizi Haghighi & Masoud Pourmahdian	October 2014
12	Metrically abstract elementary classes	Abolfazl Alam & Masoud Pourmahdian	October 2013
13	Model theory of analytic Zariski structures	Mostafa Mirabi & Masoud Pourmahdian	October 2013
14	some model theoretic aspects in modal logic	Reza Shoorabi & Masoud Pourmahdian	February 2013
15	Justified common knowledge	Ayda Choopani & Masoud Pourmahdian	September 2012
16	Self referential justifications in epistemic logic	Nima Ghanbari & Masoud Pourmahdian	September 2012
17	Existence of generic automorphisms for first order homogeneous structure	Hamed Khalilian & Masoud Pourmahdian	February 2012
18	The study of homogeneous universal partial ordered set and the existence of its generic	Negar Ranjbar & Masoud Pourmahdian	February 2012
19	Extending partial automorphisms in graphs and metric spaces	Ali Sadegh Daghighi & Masoud Pourmahdian	October 2011
20	The genesis of concept of infinity in cantors view and its proportion with paradigms of mathematics	Abolfazl Hakimi Parizi & Masoud Pourmahdian	September 2011
21	Geometric stability theory & application of model theory to algebraic geometry	Hosein Taghinejad & Masoud Pourmahdian	February 2011
22	computability in banach and measure spaces via domain theory	Hosein Pourmahdian & Masoud Pourmahdian	July 2010
23	Protein function prediction using data mining techniques	Sahar Madani & Masoud Pourmahdian	December 2009
24	analysis the weihrauch approach in computable analysis	Ali Akbar Safilian & Masoud Pourmahdian	November 2009
25	lambda calculus and exact real computation	Majadeh Pasdar & Masoud Pourmahdian	November 2009
26	cone and quasi metric spaces via domain theory	Mohsen Khani & Masoud Pourmahdian	September 2009
27	Generic Structures and Urysohn Space	Sobhan Naraghi & Masoud Pourmahdian	July 2009
28	Generic space & group theory	Fatemeh Rahbari & Masoud Pourmahdian	November 2008
29	Generic Structures and Fusion of First Order Theories	Zaniar Ghadernezhad & Masoud Pourmahdian	September 2008
30	Proof complexity	Sharar Ahmadi & Masoud Pourmahdian	September 2008
31	Bounded complete models of topological spaces	Reza Mirbaqherigam & Masoud Pourmahdian	August 2007

32	On the yoneda completion of a quasi metric space	Zoheir Eftekhari Fasaee & Masoud Pourmahdian	July 2007
33	CATEGORICITY IN EXCELLENT CLASSES	Masood Ghaemi Dizijeh & Masoud Pourmahdian	January 2007
34	SOLID MODELING IN DOMAIN THEORY	Ila Rostaminasab & Masoud Pourmahdian	October 2006
35	PROBABILITY ALGEBRAS IN CONTINUOUS LOGIC	Marjan Adib & Masoud Pourmahdian	October 2006
36	Complete intersection dimension	Ras Ool Ahangari & Masoud Pourmahdian	March 2006

Books

#	Title	Author(s)	Publisher country	publication date	version
Portal Records					
1	Logic around the World: On the Occasion of 5th Annual Conference of the Iranian Association for Logic /	Masoud Pourmahdian, Ali Sadegh Daghighi	Iran (Islamic Republic of)	November 2017	1

Journal Papers

Portal Records					
1	Sharar Ahmadi, Mehrans. Fallah, Masoud Pourmahdian, "On the Properties of Epistemic and Temporal Epistemic Logics of Authentication", <i>INFORMATICA</i> , November 2019 Vol. 43, Num. 0, Page 161-175, November 2019,				
2	Ali Sadegh Daghighi, Masoud Pourmahdian, "On Some Properties of Shelah Cardinals", <i>Bulletin of the Iranian Mathematical Society</i> , October 2018 Vol. 44, Num. 5, Page 1117-1124, October 2018,				
3	Zaniar Ghadernezhad, Hamed Khalilian, Masoud Pourmahdian, "Automorphism groups of generic structures: extreme amenability and amenability", <i>FUNDAMENTA MATHEMATICAE</i> , April 2018 Vol. 242, Num. 0, Page 1-23, April 2018,				
4	Masoud Pourmahdian, Reihane Zoghi Fard, "First-Order Modal Logic: Frame Definability and a Lindström Theorem", <i>Studia Logica</i> , August 2017 Vol. 106, Num. 4, Page 699-720, August 2017,				
5	Ali Sadegh Daghighi, Masoud Pourmahdian, "The Definable Tree Property for Successors of Cardinals", <i>ARCHIVE FOR MATHEMATICAL LOGIC</i> , June 2017 Vol. 55, Num. 5, Page 785-798, June 2017,				
6	Seyed Mohammad Amin Khatami, Masoud Pourmahdian, Nazanin Roshandel Tavana, "From rational Godel logic to ultrametric logic", <i>JOURNAL OF LOGIC AND COMPUTATION</i> , October 2016 Vol. Vol 26, Num. 5, Page 1743-1767, October 2016,				
7	Masoud Pourmahdian, Nazanin Roshandel Tavana, Farzad Didehvar, "Effective metric model theory", <i>MATHEMATICAL STRUCTURES IN COMPUTER SCIENCE</i> , December 2015 Vol. 25, Num. 8, Page 1779-1798, December 2015,				
8	Seyed Mohammad Amin Khatami, Masoud Pourmahdian, "On the compactness property of extensions of first-order Godel logic", <i>IRANIAN JOURNAL OF FUZZY SYSTEMS</i> , August 2015 Vol. 12, Num. 4, Page 101-121, August 2015,				
9	Mahdi Aliakbari, Masoud Pourmahdian, "COMPUTATIONAL MODELS OF CERTAIN HYPERSPACES OF QUASI-METRIC SPACES", <i>LOGICAL METHODS IN COMPUTER SCIENCE</i> , October 2011 Vol. 7, Num. 4, Page 1-25, October 2011,				

- 10 Nazanin Roshandel, Masoud Pourmahdian, Farzad Didehvar, "Compactness in First Order Lukasiewicz Logic", LOGIC JOURNAL OF THE IGPL, September 2011 Vol. 0, Num. 0, Page 0-0, September 2011,
- 11 S.M.Bagheri, Masoud Pourmahdian, "Omitting Types in an Intermediate Logic", Studia Logica, April 2011 Vol. 97, Num. 3, Page 319-328, April 2011,
- 12 Farzad Didehvar, Kaveh Ghasemlou, Masoud Pourmahdian, "Effectiveness in RPL, with applications to continuous logic", ANNALS OF PURE AND APPLIED LOGIC, March 2010 Vol. 161, Num. 6, Page 788-799, March 2010,
- 13 Mehdi Ali Akbari, [en-name N/A], Masoud Pourmahdian, "Any T1 space has a continuous poset model", , August 2009 Vol. , Num. 156, Page 0-0, August 2009,
- 14 [en-name N/A], Masoud Pourmahdian, "Diagram Construction in Intuitionistic Logic", , June 2009 Vol. , Num. 6, Page 0-0, June 2009,
- 15 Mehdi Ali Akbari, [en-name N/A], Masoud Pourmahdian, Morteza Mir Mohammad Rezaii, "The Space of Formal Balls and Models of Quasi-Metric Spaces", , April 2009 Vol. , Num. 19, Page 0-0, April 2009,
- 16 [en-name N/A], Masoud Pourmahdian, "The Logic of Integration", , February 2009 Vol. , Num. 2, Page 0-0, February 2009,
- 17 [en-name N/A], Masoud Pourmahdian, "Elementary Amalgamation and Joint Embedding Property for Intermediate Logics", , October 2008 Vol. , Num. 16, Page 0-0, October 2008,
- 18 Masoud Pourmahdian, "A simple positive Robinson theory with Lstp ? stp", , October 2006 Vol. , Num. 26, Page 0-0, October 2006,
- 19 Masoud Pourmahdian, "The Stable Forking Conjecture in Homogeneous Model Theory", , March 2004 Vol. , Num. 3, Page 0-0, March 2004,
- 20 Masoud Pourmahdian, "Effectiveness in RPL, with applications to continuous logic", Annals of pure and applied logic, Vol. 0, Num. 0, Page 0-0, ,
- 21 Masoud Pourmahdian, "Completeness of hyperspaces of compact subsets of quasi-metric spaces", Acta mathematica hugarica, Vol. 0, Num. 0, Page 0-0, ,
- 22 Masoud Pourmahdian, "An arithmetical view to first-order logic", Annals of pure and applied logic, Vol. 0, Num. 0, Page 0-0, ,

Conference Papers

Portal Records

- 1 Mehdi Ali Akbari, Masoud Pourmahdian, "On the completeness of $M1(x)$ ", , August 2008
- 2 Nazanin Roshandel, Masoud Pourmahdian, Farzad Didehvar, "K compactness in the first order fuzzy logics ", , August 2008
- 3 Masoud Pourmahdian, "Domain theoretic proofs for some fixed point theorems ", , April 2008