

Universal Logic III
Estoril 2010
Tutorial on Truth Values
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Lectures 1 and 2, References

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These are (part of) the references of a forthcoming book *Truth and Falsehood. An Inquiry into Generalized Logical Values* by Y. Shramko and H. Wansing.

-  Allwein, Gerard and MacCaull, Wendy, 2001, A Kripke semantics for the logic of Gelfand Quantales, *Sudia Logica*, 68: 173-228.
-  Almukdad, Ahmad and Nelson, David, 1984, Constructible falsity and inexact predicates, *Journal of Symbolic Logic*, 49: 231-233.
-  Anderson, Alan R. and Belnap Nuel D., 1975, *Entailment: The Logic of Relevance and Necessity*, Vol. I, Princeton University Press, Princeton, NJ.
-  Anderson, Alan R., Belnap, Nuel D., and Dunn, J. Michael, 1992, *Entailment: The Logic of Relevance and Necessity*, Vol. II, Princeton University Press, Princeton, NJ.
-  Anderson, David and Zalta, Edward, 2004, Frege, Boolos, and logical objects, *Journal of Philosophical Logic*, 33: 1-26.
-  Arieli, Ofer and Avron, Arnon, 1994, Logical bilattices and inconsistent data, in *Proceedings 9th IEEE Annual Symposium on Logic in Computer Science*, IEEE Press, 468-476.

-  Arieli, Ofer and Avron, Arnon, 1996, Reasoning with logical bilattices, *Journal of Logic, Language and Information*, 5: 25-63.
-  Arieli, Ofer and Avron, Arnon, 2000, Bilattices and Paraconsistency, in D. Batens et al. (eds.), *Frontiers of Paraconsistent Logic*, Research Studies Press, Baldock, Hertfordshire, 11-27.
-  Avigad, Jeremy and Zach, Richard, 2008, The epsilon calculus, *The Stanford Encyclopedia of Philosophy (Fall 2008 Edition)*, Edward N. Zalta (ed.), URL = <http://plato.stanford.edu/archives/fall2008/entries/epsilon-calculus/>.
-  Avron, Arnon, 1996, The structure of interlaced bilattices, *Mathematical Structures in Computer Science*, 6: 287-299.
-  Avron, Arnon, 1999, On the expressive power of three-valued and four-valued languages, *Journal of Logic and Computation*, 9: 977-994.
-  Avron, Arnon, 2009, Multi-valued Semantics: Why and How, *Studia Logica*, 92, 163-182.
-  Avron, Arnon and Lev, Iddo, 2005, Non-deterministic multi-valued structures, *Logic and Computation*, 15: 241-261.

-  Avron, Arnon and Zamansky, Anna, 2009, Non-deterministic semantics for logical systems A survey, in: D. Gabbay and F. Guenthner (eds.), *Handbook of Philosophical Logic*, Springer-Verlag, Berlin, to appear.
-  Baker, Kirby A., 1977, Finite equational bases for finite algebras in a congruence-distributive equational class, *Advances in Mathematics*, 24, 207-243.
-  Baaz, Matthias, Fermüller, Chris, and Zach, Richard, 1994, Elimination of cuts in first-order many-valued logics, *Journal of Information Processing and Cybernetics* 29: 333-355.
-  Baaz, Matthias, Fermüller, Chris, Salzer, Gernot, and Zach, Richard, 1998, Labeled calculi and finite-valued logics, *Studia Logica* 61: 733.
-  Barwise, Jon and Perry, John, 1981, Semantic innocence and uncompromising situations, *Midwest Studies in the Philosophy of Language*, VI: 387-403.
-  Barwise, Jon and Perry, John, 1983, *Situations and Attitudes*, MIT Press, Cambridge, Mass.
-  Batyrshin, Ildar and Kaynak, Okyay, 1999, Parametric classes of generalized conjunction and disjunction operations for fuzzy modeling, *IEEE Transactions on Fuzzy Systems*, 7 (5): 586-596. 

-  Beaney, Michael (ed. and transl.), 1997, *The Frege Reader*, Wiley-Blackwell, Oxford.
-  Belnap, Nuel D., 1977a, How a computer should think, in: G. Ryle (ed.), *Contemporary Aspects of Philosophy*, Oriel Press Ltd., Stocksfield, 30-55.
-  Belnap, Nuel D., 1977b, A useful four-valued logic, in: J.M. Dunn and G. Epstein (eds.), *Modern Uses of Multiple-Valued Logic*, D. Reidel Publishing Co., Dordrecht, 8-37.
-  Belnap, Nuel D., 2009, Truth Values, Neither-true-nor-false, and Supervaluations, *Studia Logica*, 91: 305-334.
-  Belnap, Nuel D., 2010, *How case-intensional semantics prevents the slingshot from hitting its target* (Unpublished Manuscript), 22 pp.
-  van Benthem, Johan F.A.K., 1984, Possible Worlds Semantics: a Research Program that Cannot Fail?, *Studia Logica*, 43, 379-393.
-  Béziau, Jean-Yves, 1994, Universal Logic, in: T. Childa and O. Majer (eds.), *Proceedings Logica' 94*, Czech Academy of Sciences, Prague, 73-93.
-  Béziau, Jean-Yves, 1997, What is Many-Valued Logic?, in: *Proceedings of the 27th International Symposium on Multiple-Valued Logic*, IEEE Computer Society Press, Los Alamitos/Cal., 117-121. 

-  Béziau, J.éan-Yves, 1998, Recherches sur la logique abstraite: les logiques normales, *Acta Universitatis Wratislaviensis* no. 2023, Logika, 18: 105-114.
-  Białynicki-Birula, Andrzej and Rasiowa, Helena, 1957, On the representation of quasi-boolean algebras, *Bulletin de l'Acad'emie Polonaise des Sciences*, 5: 259-261.
-  Biedermann, Klaus, 1999, An equational theory for trilattices, *Algebra Universalis*, 42: 253-268.
-  Birkhoff, Garrett, 1967, *Lattice Theory*, Providence, Rhode Island.
-  Blamey, Stephen and Humberstone, Lloyd, 1991, A Perspective on Modal Sequent Logic, *Publications of the Research Institute for Mathematical Sciences, Kyoto University*, 27, 763-782.
-  Bochman, Alexander, 1998, Biconsequence relations: a four-valued formalism of reasoning with inconsistency and incompleteness, *Notre Dame Journal of Formal Logic*, 39: 47-73.
-  Brown, Bryson and Schotch, Peter, 1999, Logic and aggregation, *Journal of Philosophical Logic*, 28: 265-287.
-  Burge, Tyler, 1986, Frege on truth, in: L. Haaparanta and J. Hintikka (eds.), *Frege Synthesized*, D. Reidel Publishing Co., Dordrecht, 97-154. 

-  Burge, Tyler, 1992, Frege on Knowing the Third Realm, *Mind*, 101: 633650
-  Caleiro, Carlos, Carnielli, Walter, Coniglio, Marcelo, and Marcos, João, 2005, Two's company: "The humbug of many logical values", in: J.-Y. Beziau (ed.), *Logica Universalis*, Birkhäuser Verlag, Basel, 169–189.
-  Caleiro, Carlos, Carnielli, Walter, Coniglio, Marcelo, and Marcos, João, 2007, Suszko's Thesis and dyadic semantics, preprint,
<http://www.cs.math.ist.utl.pt/ftp/pub/CaleiroC/03-CCCM-dyadic1.pdf>.
-  Caleiro, Carlos, Carnielli, Walter, Coniglio, Marcelo, and Marcos, João, 2007, Dyadic semantics for many-valued logics, preprint,
<http://www.cs.math.ist.utl.pt/ftp/pub/CaleiroC/03-CCCM-dyadic2.pdf>.
-  Camp, Joseph L., 2002, *Confusion: A Study in the Theory of Knowledge*, Harvard University Press, Cambridge, Massachusetts.
-  Carnap, Rudolf, 1942, *Introduction to Semantics*, Harvard University Press, Cambridge, Massachusetts.
-  Carnap, Rudolf, 1947, *Meaning and Necessity. A Study in Semantics and Modal Logic*, University of Chicago Press, Chicago.

-  Chagrov, Alexander and Zakharyaschev, Michael, 1997, *Modal Logic*, Clarendon Press, Oxford.
-  Church, Alonzo, 1943, Review of Rudolf Carnap, *Introduction to Semantics*, *The Philosophical Review*, 52: 298-304.
-  Church, Alonzo, 1956, *Introduction to Mathematical Logic*, Vol. I, revised and enlarged edition, Princeton University Press, Princeton.
-  Cignoli, Roberto, D'Ottaviano, Itala, and Mundici, Daniele, 2000, *Algebraic foundations of many-valued reasoning*, Kluwer Academic Publishers, Dordrecht.
-  Czelakowski, Janusz, 2001, *Protoalgebraic Logics*, Kluwer Academic Publishers, Dordrecht.
-  Cook, Roy T., 2005, What's wrong with tonk (?), *Journal of Philosophical Logic*, 34: 217-226.
-  da Costa, Newton, Béziau, Jean-Yves and Bueno, Otávio, 1996, Malinowski and Suszko on many-valued logics: on the reduction of many-valuedness to two-valuedness, *Modern Logic*, 6: 272-299.
-  Curry, Haskell Brooks, 1963 *Foundations of Mathematical Logic*, McGraw-Hill, New York.

-  D'Agostino, Marcello, Gabbay, Dov, Hähnle, Reiner, and Posegga, Joachim (eds.), 1999, *Handbook of Tableau Methods*, Kluwer Academic Publishers, Dordrecht.
-  Davidson, Donald, 1967, Truth and meaning, *Synthese*, 17: 304-323.
-  Davidson, Donald, 1969, True to the facts, *Journal of Philosophy*, 66: 748-764.
-  Devyatkin, Leonid, 2007, Non-classical definitions of logical consequence (in Russian), *Smirnov's Readings in Logic*, Moscow, 26-27.
-  Devitt, Michael and Sterelny, Kim, 1999, *Language and Reality: An Introduction to the Philosophy of Language*, The MIT Press, Cambridge, Mass.
-  Dewitt, Richard, 2005, On retaining classical truths and classical deducibility in many-valued and fuzzy logics, *Journal of Philosophical Logic*, 34: 545-560.
-  Drai, Dalia, 2002, The slingshot argument: an improved version, *Ratio*, 15: 194-204.
-  Dummett, Michael, 1977, *Elements of Intuitionism*, Oxford University Press, Oxford, 1977.

-  Dunn, J. Michael, 1987, Relevant predication 1: the formal theory, *Journal of Philosophical Logic*, 16: 347-381.
-  Dunn, J. Michael, 1999, A Comparative study of various model-theoretic treatments of negation: a history of formal negation, in D.M. Gabbay and H. Wansing (eds.), *What is Negation?*, Applied Logic Series, 13, Kluwer Academic Publishers, Dordrecht, 23-51.
-  Dunn, J. Michael, 2000, Partiality and its dual, *Studia Logica*, 66: 5-40.
-  Dunn, J. Michael and Hardegree Gary M., 2001, *Algebraic Methods in Philosophical Logic*, Clarendon Press, Oxford.
-  Dunn, J. Michael and Zhou Chunlai, 2005, Negation in the context of gaggle theory, *Studia Logica*, 80: 235-264.
-  Fidel, Manuel Marcos, 1978, An algebraic study of a propositional system of Nelson, in: *Mathematical Logic, Proceedings of the First Brazilian Conference, Campinas 1977*, Lect. Notes Pure Appl. Math., 39: 99-117.
-  Fine, Kit, 1975, Vagueness, truth and logic, *Synthese*, 30: 265-300.
-  Fitting, Melvin, 1989, Bilattices and the theory of truth, *Journal of Philosophical Logic*, 18: 225-256.

-  Fitting, Melvin, 1990, Kleene's logic, generalized, *Journal of Logic and Computation*, 1: 797-810.
-  Fitting, Melvin, 1990, Bilattices in logic programming, in G. Epstein (ed.) *The Twentieth International Symposium on Multiple-Valued Logic*, IEEE-Press, 238-246.
-  Fitting, Melvin, 1991, Bilattices and the semantics of logic programming, *Journal of Logic Programming*, 11: 91-116.
-  Fitting, Melvin, 1994, Kleene's three-valued logic and their children, *Fundamenta Informaticae*, 20: 113-131.
-  Fitting, Melvin, 1997, A theory of truth that prefers falsehood, *Journal of Philosophical Logic*, 26: 447-500.
-  Fitting, Melvin, 2006, Bilattices are nice things, in: T. Bolander, V. Hendricks, and S.A. Pedersen (eds.), *Self-Reference*, CSLI-Publications, Stanford, 53-77.
-  Fitting, Melvin and Mendelsohn Richard L., 1999, *First-order Modal Logic*, Kluwer Academic Publishers, Dordrecht, Boston.
-  Føllesdal, Dagfinn, 1983, Situation semantics and the 'slingshot' argument, *Erkenntnis*, 19: 91-98.

-  Font, Josep Maria, 1997, Belnap's four-valued logic and De Morgan lattices, *Logic Journal of IGPL*, 5: 1-29.
-  van Fraassen, Bas, 1966, Singular terms, truth-value gaps, and free logic, *Journal of Philosophy* 63: 481-95.
-  Frankowski, Szymon, 2004, Formalization of a plausible inference, *Bulletin of the Section of Logic*, 33: 41-52.
-  Frankowski, Szymon, 2004, *p*-consequence versus *q*-consequence operations, *Bulletin of the Section of Logic*, 33, 197-207.
-  Frege, Gottlob, 1891, Function und Begriff. Vortrag, gehalten in der Sitzung vom 9. Januar 1891 der Jenaischen Gesellschaft für Medicin und Naturwissenschaft, Jena: H. Pohle, Jena, 31 pp. (Reprinted in [94].)
-  Frege, Gottlob, 1892, Über Sinn und Bedeutung, *Zeitschrift für Philosophie und philosophische Kritik*, 100: 25-50. (Reprinted in [94].)
-  Frege, Gottlob, 1918, Der Gedanke, *Beiträge zur Philosophie des deutschen Idealismus* 1: 58-77. (Reprinted in [92].)
-  Frege, Gottlob, 1962, *Grundgesetze der Arithmetik*, Bde. I und II, 2nd ed., Wissenschaftliche Buchgesellschaft, Darmstadt.

-  Frege, Gottlob, 1967, *Kleine Schriften*, Ignacio Angelli (ed.), Wissenschaftliche Buchgesellschaft, Darmstadt.
-  Frege, Gottlob, 1976, *Wissenschaftlicher Briefwechsel*, G. Gabriel, H. Hermes, F. Kambartel, C. Thiel, and A. Veraart (eds.), Felix Meiner Verlag, Hamburg.
-  Frege, Gottlob, 1986, *Funktion, Begriff, Bedeutung. Fünf logische Studien*, G. Patzig (ed.), Vandenhoeck & Ruprecht, Göttingen.
-  Frege, Gottlob, 1988, *Grundlagen der Arithmetik. Eine logisch-mathematische Untersuchung über den Begriff der Zahl*, Felix Meiner Verlag, Hamburg.
-  Frege, Gottlob, 1990, Einleitung in die Logik, in: Frege, G., *Schriften zur Logik und Sprachphilosophie*, Felix Meiner Verlag, Hamburg, 74-91.
-  Gabbay, Dov, 1981, *Semantical Investigations into Heyting's Intuitionistic Logic*, Reidel, Dordrecht.
-  Gabriel, Gottfried, 1984, Fregean connection: Bedeutung, value and truth-value, *The Philosophical Quarterly*, 34: 372-376.
-  Gabriel, Gottfried, 1986, Frege als Neukantianer, *Kant-Studien*, 77: 84-101.

-  Galatos, Nikolaos, Jipsen, Peter, Kowalski, Tomasz, and Ono, Hiroakira, 2007, *Residuated Lattices: An Algebraic Glimpse at Substructural Logics*, Elsevier, Amsterdam.
-  Ganeri, Jonardon, 2002, Jaina Logic and the Philosophical Basis of Pluralism, *History and Philosophy of Logic*, 23: 267-281.
-  Ganter, Bernhard and Wille, Rudolf, 1999, *Formal Concept Analysis: Mathematical Foundations*, Springer Verlag, Berlin.
-  Gargov, George, 1999, Knowledge, uncertainty and ignorance in logic: bilattices and beyond, *Journal of Applied Non-Classical Logics*, 9: 195-203.
-  Geach, Peter and Black, Max (eds.), 1952, *Translations from the Philosophical Writings of Gottlob Frege*, Philosophical Library, New York.
-  Gentzen, Gerhard, 1935, Untersuchungen über das Logische Schliessen, *Mathematische Zeitschrift*, 39: 176-210, 405-431.
-  Ginsberg, Matthew, 1986, Multi-valued logics, in *Proceedings of AAAI-86, Fifth National Conference on Artificial Intelligence*, Morgan Kaufman Publishers, Los Altos, 243-247.
-  Ginsberg, Matthew, 1988, Multivalued logics: a uniform approach to reasoning in AI, *Computer Intelligence*, 4: 256-316.

-  Gödel, Kurt, 1992, Zum intuitionistischen Aussagenkalkül, *Anzeiger der Akademie der Wissenschaften in Wien, Mathematisch-Naturwissenschaftliche Klasse*, 69: 65-66
-  Gödel, Kurt, 1944, Russell's mathematical logic, in: P.A. Schilpp (ed.), *The Philosophy of Bertrand Russell*, Northwestern University Press, Evanston and Chicago, 125-53.
-  Goguen, Joseph, 1969, The logic of inexact concepts, *Synthese*, 19: 325-373.
-  Gottwald, Siegfried, 1989, *Mehrwertige Logik. Eine Einführung in Theorie und Anwendungen*, Akademie-Verlag, Berlin.
-  Gottwald, Siegfried, 2001, *A Treatise on Many-valued Logic*, Research Studies Press, Baldock.
-  Grossmann, Reinhardt, 1992, *The Existence of the World*, Routledge, London.
-  Gurevich, Yuri, 1977, Intuitionistic logic with strong negation, *Studia Logica*, 36: 49-59.
-  Haack, Susan, 1996, *Deviant Logic, Fuzzy Logic. Beyond the Formalism*, University of Chicago Press, Chicago.

-  Hajek, Petr, 1998, *Metamathematics of fuzzy logic*, Kluwer Academic Publishers, Dordrecht.
-  von Heusinger, Klaus, 1997, *Salienz und Referenz. Der Epsilonoperator in der Semantik der Nominalphrase und anaphorischer Pronomen*, Studia Grammatica 43, Akademie Verlag, Berlin.
-  Hilbert, David and Bernays, Paul, 1970, *Grundlagen der Mathematik*, Bd. 2, Springer-Verlag, Berlin.
-  Jain, Pragati, 1997, *Investigating Hypercontradictions*, (Unpublished Manuscript, 16 pp.
-  James, William, 1956, The will to Believe, 1897, in: *The Will to Believe and Other Essays in Popular Philosophy*, Dover Publications, New York, 21-31.
-  Jennings, Ray and Schotth, Peter, 1984, The preservation of coherence, *Studia Logica*, 43: 89-106.
-  Kamide, Norihiro, 2002, Sequent calculi for intuitionistic linear logic with strong negation, *Logic Journal of the IGPL* 10: 653-678.
-  Kamide, Norihiro, 2004, Quantized linear logic, involutive quantales and strong negation, *Studia Logica*, 77: 355-384.

-  Kamide, Norihiro, 2005, A cut-free system for 16-valued reasoning, *Bulletin of the Section of Logic* 34: 213-226.
-  Kamide, Norihiro, Gentzen-type methods for bilattice negation, *Studia Logica* 80: 265-289.
-  Kamide, Norihiro and Wansing, Heinrich, 2008, Alternative semantics for trilattice logics, manuscript, 30 pp.
-  Kamide, Norihiro and Wansing, Heinrich, 2009, Sequent calculi for some trilattice logics, *The Review of Symbolic Logic* 2, 374-395.
-  Karpenko, Alexander, 1983, Factor semantics for n-valued logics, *Studia Logica*, 42: 179-185.
-  Karpenko, Alexander, 1989, Truth values: what they are? (in Russian), in: V. Smirnov (ed.), *Investigations in Non-classical Logics*, Nauka, Moscow , 38-53.
-  Keefe, Rosanna, 2000, *Theories of Vagueness*, Cambridge University Press, Cambridge.
-  Kracht, Marcus, 1998, On Extensions of Intermediate Logics by Strong Negation, *Journal of Philosophical Logic*, 27: 49-73. 

-  Lakshmanan, Laks V.S. and Sadri, Fereidoon, 1994, Probabalistic deductive databases, in M. Bruynooghe (ed.), *Proceedings of 1994 International Logic Programming Symposium*, MIT Press, 254-268.
-  Lewis, Clarence Irving, 1943, The modes of meaning, *Philosophy and Phenomenological Research*, 4: 236-249.
-  Lowe, Jonathan, 1995, The metaphysics of abstract objects, *The Journal of Philosophy*, 92: 509-524.
-  Lowe, Jonathan, 1997, Objects and criteria of identity, in: *A Companion to the Philosophy of Language*, R. Hale and C. Wright (eds.), Basil Blackwell, Oxford and Cambridge MA, 613-33.
-  Łukasiewicz, Jan, 1918, Farewell lecture by professor Jan Łukasiewicz, delivered in the Warsaw University Lecture Hall in March, 1918, in: [139], 87-88.
-  Łukasiewicz, Jan, 1920, O logice trójwartościowej, *Ruch Filozoficny*, 5: 170-171. (English translation as "On three-valued logic" in: [139], 87-88.)
-  Łukasiewicz, Jan, 1921, Logika dwuwartościowa, *Przegląd Filozoficzny*, 13: 189-205. (English translation as Two-valued logic in: [139], 89-109.)

-  Łukasiewicz, Jan, 1970, *Selected Works*, L. Borkowski (ed.), North-Holland, Amsterdam and PWN, Warsaw.
-  Łukasiewicz, Jan, 1993, *Über den Satz des Widerspruch bei Aristoteles*, Georg Olms Verlag, Hildesheim, New York.
-  MacFarlane, John, 2002, Review of Stephen Neale, *Facing Facts, Notre Dame Philosophical Reviews* (<http://ndpr.nd.edu/review.cfm?id=1117>).
-  MacFarlane, John, 2008, Truth in the Garden of Forking Paths, in: Max Kölbel and Manuel García-Carpintero (eds.), *Relative Truth*, Oxford, Oxford University Press, 81102.
-  Malinowski, Grzegorz , 1990, Q-consequence operation, *Reports on Mathematical Logic*, 24: 49-59.
-  Malinowski, Grzegor, 1990, Towards the Concept of Logical Many-Valuedness, *Folia Philosophica*, 7: 97-103.
-  Malinowski, Grzegorz, 1993, *Many-Valued Logics*, Clarendon Press, Oxford.
-  Malinowski, Grzegorz, 1994, Inferential many-valuedness, in: Jan Woleński (ed.), *Philosophical Logic in Poland*, Kluwer Academic Publishers, Dordrecht, 75-84.

-  Malinowski, Grzegorz, 2001, Inferential Paraconsistency, *Logic and Logical Philosophy*, 8, 83-89.
-  Malinowski, Grzegorz, 2004, Inferential Intensionality, *Studia Logica*, 76, 3-16.
-  Malinowski, Grzegorz, 2009, Beyond Three Inferential Values, *Studia Logic*, 92, 203-213.
-  Materna, Pavel, 2000, Sense, Denotation, Reference: A terminological/philosophical Chaos.
<http://www.phil.muni.cz/materna/sense.html>. Cited 2000.
-  McGinn, Colin, 1976, A note on the Frege argument, *Mind*, 85: 422-423.
-  Mehlberg, Henryk, 1958, *The Reach of Science*, University of Toronto Press, Toronto.
-  Meyer, Robert K., 1978, *Why I Am Not a Relevantist*, Research paper, no. 1, Australian National University, Logic Group, Research School of the Social Sciences, Canberra.
-  Miura, Satoshi, 1966, A remark on the intersection of two logics, *Nagoja Mathematical Journal*, 26, 167-171.

-  Muskens, Reinhard, 1999, On Partial and Paraconsistent Logics, *Notre Dame Journal of Formal Logic*, 40, 352-374.
-  Neale, Stephen, 1995, The Philosophical significance of Gödel's slingshot, *Mind*, 104: 761-825.
-  Neale, Stephen, 2001, *Facing Facts*, Oxford University Press, Oxford.
-  Negri, Sara and von Plato, Jan, 2001, *Structural Proof Theory*, Cambridge University Press, Cambridge.
-  Nelson, David, 1949, Constructible falsity, *Journal of Symbolic Logic*, 14: 16-26.
-  Odintsov, Sergei, 2003, Algebraic semantics for paraconsistent Nelson's Logic, *Journal of Logic and Computation*, 13: 453-468.
-  Odintsov, Sergei, 2008, *Constructive negations and paraconsistency*, Springer, Dordrecht, 2008.
-  Odintsov, Sergei, 2009, On axiomatizing Shramko-Wansing's logic, *Studia Logica*, 93: 407-428.
-  Olson, Kenneth Russell, 1987, *An Essay on Facts*, Lecture Notes No. 6, CSLI Publications, Stanford.

-  Omyła, Mieczysław, 2003, Possible worlds in the language of non-Fregean logic, *Studies in Logic, Grammar and Rhetoric*, 6 (19): 7-15.
-  Omyła, Mieczysław, 2007, Remarks on non-Fregean logic, *Studies in Logic, Grammar and Rhetoric*, 10 (23): 21-31.
-  Ono, Hiroakira, 2003, Substructural logics and residuated lattices – an introduction, in: Vincent Hendricks and Jacek Malinowski (eds.), *Trends in Logic. 50 Years of Studia Logica*, Kluwer Academic Publishers, Dordrecht, 193-228.
-  Oppy, Graham, 1997, The philosophical insignificance of Gödel's slingshot. Response to Stephen Neale, *Mind*, 106: 121-141.
-  Perry, John, 1996, Evading the slingshot, in: A. Clark, J. Ezquerro, and J. Larrazabal (eds.), *Philosophy and Cognitive Science. Categories, Consciousness, and Reasoning*, Kluwer Academic Publishers, Dordrecht.
-  Poggiolesi, Francesca, 2009, Display calculi and other modal calculi: a comparison, *Synthese*, forthcoming,
(online:
<http://www.springerlink.com/content/7p445770010t8878/fulltext.pdf>).
-  Popper, Karl, 1972, *Objective Knowledge: An Evolutionary Approach*, Oxford University Press, Oxford.

-  Post, Emil, 1921, Introduction to a General Theory of Elementary Propositions, *American Journal of Mathematics*, 43: 163-185.
-  Priest, Graham, 1979, Logic of Paradox, *Journal of Philosophical Logic*, 8: 219-241.
-  Priest, Graham, 1984, Hyper-contradictions, *Logique et Analyse*, 27: 237-243.
-  Priest, Graham, 2008, *An Introduction to Non-Classical Logic. From If to is*, Cambridge UP, Cambridge.
-  Quine, Willard Van Orman, 1953, Reference and modality, in: W.v.O. Quine, *From a Logical Point of View*, Harvard University Press, Cambridge, Mass., 139-159.
-  Quine, Willard Van Orman, 1960, *Word and Object*, John Wiley and Sons and MIT Press, Cambridge, Mass.
-  Quine, Willard Van Orman, 1969, *Ontological Relativity and Other Essays*, Columbia University Press, New York.
-  Rautenberg, Wolfgang, 1979, *Klassische und nichtklassische Aussagenlogik*, Vieweg, Braunschweig.

-  Reck, Erich, 2007, Frege on truth, judgment, and objectivity, *Grazer Philosophische Studien* 75: 149-173.
-  Rescher, Nicholas, 1969, *Many-Valued Logic*, McGraw-Hill, New York.
-  Rose, Alan, 1950, A lattice-theoretic characterization of three-valued logic, *Journal of the London Mathematical Society*, 25, 255-259.
-  Rose, Alan, 1951, Systems of logics whose truth-values form lattices, *Mathematische Annalen* 123: 152-165.
-  Routley, Richard, 1975, Universal semantics?, *The Journal of Philosophical Logic*, 4: 327-356.
-  Ruet, Paul, 2000, Non-commutative logic II: sequent calculus and phase semantics, *Mathematical Structures in Computer Science*, 10: 277-312.
-  Ruffino, Marco, 2003, Wahrheit als Wert und als Gegenstand in der Logik Freges, in: D. Greimann (ed.), *Das Wahre und das Falsche. Studien zu Freges Auffassung von Wahrheit*, Georg Olms Verlag, Hildesheim, 203-221.
-  Ruffino, Marco, 2004, Church's and Gödel's slingshot arguments, *Abstracta*, 1: 23-39.
-  Russell, Bertrand, 1919, *Introduction to Mathematical Philosophy*, George Allen and Unwin, London.

-  Ryan, Mark and Sadler, Martin, 1992, Valuation systems and consequence relations, in: S. Abramsky, D. Gabbay, and T. Maibaum (eds.), *Handbook of Logic in Computer Science*, Vol. 1., Oxford University Press, Oxford, 1-78.
-  Schöter, Andreas, 1996, Evidential bilattice logic and lexical inference, *Journal of Logic, Language and Information*, 5: 65-105.
-  Schröter, Karl, 1955, Methoden zur Axiomatisierung beliebiger Aussagen- und Prädikatenkalküle, *Zeitschrift für mathematische Logik und Grundlagen der Mathematik*, 1, 241-251.
-  Scott, Dana, 1973, Models for various type-free calculi, in: Suppes P., Nagel E., and arski A. (eds.), *Logic, Methodology and Philosophy of Science*, , vol. IV, North-Holland, Amsterdam, 157-187.
-  Scott, Dana, 1973, Background to Formalization, in: H. Leblanc (ed.), *Truth, Syntax and Modality*, North-Holland, Amsterdam, 244-273.
-  Searle, John, 1995, Truth: a reconsideration of Strawson's view, in: L.E. Hahn (ed.), *The Philosophy of P. F. Strawson*, Open Court Publishing, Chicago / Lasalle.

-  Shramko, Yaroslav, 1989, On the problem of relevant entailment for intuitionistic logic (in Russian), in: *Logico-Philosophical Investigations*, vol. 1, Moscow, 165-175.
-  Shramko, Yaroslav, 1998, A philosophically plausible modified Grzegorczyk semantics for first-degree intuitionistic entailment, *Logique et Analyse*, 161-162-163, 167-188.
-  Shramko, Yaroslav, 1999, *Intuitionismus und Relevanz*, Logos-Verlag, Berlin, 1999.
-  Shramko, Yaroslav, 2000, American plan for intuitionistic logic 1: an intuitive background, in: Timothy Childers (ed.) *The Logica Yearbook 1999*, Filosofia, Prague, 53-64.
-  Shramko, Yaroslav, 2000, American plan for intuitionistic logic 2: generalized Kripke models (in Russian), *Logical Studies* (Online Journal), 5: <http://logic.ru/en/node/160>.
-  Shramko, Yaroslav, 2002, Generalized truth values: lattices and multilattices (in Russian), *Logical Studies*, Moscow, 9: 264-291. (The On-line version see in: *Logical Studies* (Online Journal), 8, 2002: <http://logic.ru/en/node/185>)

-  Shramko, Yaroslav, 2004, Die logische Wahrheitswerteontologie, in: Bente Christiansen und Uwe Scheffler (eds.), *Was folgt. Themen zu Wessel*, Logos-Verlag, Berlin, 149-169.
-  Shramko, Yaroslav, 2005, Dual intuitionistic logic and a variety of negations: the logic of scientific research, *Studia Logica*, 80: 347-367.
-  Shramko, Yaroslav, 2009, Truth and Falsehood: what are truth values and what they are needed for (in Russian), *Logos*, 70 (2): 96-121.
-  Shramko, Yaroslav, Dunn, J. Michael, and Takenaka, Tatsutoshi, 2001, The trilattice of constructive truth values, *Journal of Logic and Computation*, 11: 761-788.
-  Shramko, Yaroslav and Wansing, Heinrich, 2005, Some useful 16-valued logics: how a computer network should think, *Journal of Philosophical Logic*, 34: 121-153.
-  Shramko, Yaroslav and Wansing, Heinrich, 2006, Hypercontradictions, generalized truth values, and logics of truth and falsehood, *Journal of Logic, Language and Information*, 15: 403-424.
-  Shramko, Yaroslav and Wansing, Heinrich, 2007, Entailment relations and/as truth values, *Bulletin of the Section of Logic*, 36, 131-143. 

-  Shramko, Yaroslav and Wansing, Heinrich, 2009, The Slingshot-Argument and sentential idendity, *Studia Logica*, 91: 429-455.
-  Shramko, Yaroslav and Wansing, Heinrich, 2009, *Truth Values. Part I*, Special issue of *Studia Logica*, v. 91, No 3.
-  Shramko, Yaroslav and Wansing, Heinrich, 2009, *Truth Values. Part II*, Special issue of *Studia Logica*, v. 92, No 2, 2009.
-  Shramko, Yaroslav and Wansing, Heinrich, 2010, Truth Values, The Stanford Encyclopedia of Philosophy (Summer 2010 Edition), Edward N. Zalta (ed.), URL = <http://plato.stanford.edu/archives/sum2010/entries/truth-values/>.
-  Shramko, Yaroslav and Zaitsev, Dmitri, 2004, Entailment and designated values (in Russian), *Logical Studies*, 11: 126-137.
-  Simmons, Keith, 2002, Semantical and Logical Paradox, in D. Jacquette (ed.), *A Companion to Philosophical Logic*, Blackwell Publishes, Malden/Mass., 115-130.
-  Sluga, Hans, 2002, Frege on the indefinability of truth, in: E. Reck (ed.), *From Frege to Wittgenstein: Perspectives on Early Analytic Philosophy*, Oxford University Press, Oxford, 75-95.

-  Stelling, Jendrik, 2009, *Consequence Relations, Truth and Logic*, MA thesis, University of Leipzig.
-  Suszko, Roman, 1971, Identity connective and modality, *Studia Logica*, 27: 7-39.
-  Suszko, Roman, 1975, Abolition of the Fregean Axiom, in: R. Parikh (ed.), *Logic Colloquium, Lecture Notes in Mathematics 453*, Springer Verlag, Berlin, Heidelberg, New York, 169-239.
-  Suszko, Roman, 1977, The Fregean axiom and Polish mathematical logic in the 1920's, *Studia Logica*, 36: 373-380.
-  Tarski, Alfred, 1930, Über einige fundamentale Begriffe der Metamathematik, *Comptes Rendus des Séances de la Société des Sciences et des Lettres de Varsovie XXIII, Classe III*: 22-29.
-  Tarski, Alfred, 1930, Fundamentale Begriffe der Methodologie der deduktiven Wissenschaften, I, *Monatshefte für Mathematik und Physik*, 37: 361-404.
-  Thijssse, Elias, 1992, *Partial Logic and Knowledge Representation*, PhD Thesis, Katholieke Universiteit Brabant, Eburon Publishers, Delft.
-  Troelstra, Anne and Schwichtenberg, Helmut, 2000, *Basic Proof Theory*, 2nd edition, Cambridge University Press, Cambridge.

-  Tsuji, Marcelo, 1998, Many-valued logics and Suszko's Thesis revisited, *Studia Logica* 60: 299-309.
-  Urquhart, Alasdair, An interpretation of many-valued logic, *Zeitschrift für mathematische Logik und Grundlagen der Mathematik*, 19: 111-114.
-  Urquhart, Alasdair, 1986, Many-valued logic, in: D. Gabbay and F. Guenther (eds.), *Handbook of Philosophical Logic*, Vol. III., D. Reidel Publishing Co., Dordrecht, 71-116.
-  Vakarelov, Dimiter, 1977, Notes on N-lattices and constructive logic with strong negation, *Studia logica*, 36: 109-125.
-  M. Vardi, On epistemic logic and logical omniscience, 1986, in: J.Y. Halpern (ed.), *Theoretical Aspects of Reasoning about Knowledge. Proceedings of the 1986 Conference*, Morgan Kaufmann Publishers, Los Altos, 293-305.
-  Vasiliev, Nikolai A., 1989, *Imaginary Logic*, Nauka, Moscow (in Russian).
-  Voishvillo Evgenii K., 1996, A theory of logical relevance, *Logique et Analyse*, 155-156: 207-228.
-  Voutsadakis, George, 2002, Poliadic concept analysis, *Order*, 19: 295-304. ↗ ↘ ↙

-  Wagner, Steven J., 1986, California semantics meets the Great Fact, *Notre Dame Journal of Formal Logic*, 27: 430-455.
-  Wansing, Heinrich, 1993, *The logic of information structures*, Lecture Notes in Artificial Intelligence 681, Springer-Verlag, Berlin.
-  Wansing, Heinrich, 1998, *Displaying Modal Logic*, Kluwer Academic Publishers, Dordrecht.
-  Wansing, Heinrich, 1999, Higher-arity Gentzen systems for Nelson's logics, in : J. Nida-Rümelin (ed.), *Proceedings of the 3rd international congress of the Society for Analytical Philosophy (Rationality, Realism, Revision)*, Walter de Gruyter, Berlin, 105-109.
-  Wansing, Heinrich, 2001, Negation, in: L. Goble (ed.), *The Blackwell Guide to Philosophical Logic*, Basil Blackwell Publishers, Cambridge, Massachusetts, 415-436.
-  Wansing, Heinrich, 2001, Short dialogue between M (Mathematician) and P (Philosopher) on multi-lattices, *Journal of Logic and Computation*, 11: 759-760.
-  Wansing, Heinrich, 2006, Connectives stranger than tonk, *Journal of Philosophical Logic*, 35: 653-660.

-  Wansing, Heinrich, 2008, Constructive negation, implication, and co-implication, *Journal of Applied Non-Classical Logics*, 18: 341-364.
-  Wansing, Heinrich: 2010, The Power of Belnap: Sequent Systems for *SIXTEEN*₃, *Journal of Philosophical Logic*, to appear.
-  Wansing, Heinrich and Belnap, Nuel, 2009, Generalized truth values. A reply to Dubois, *Logic Journal of the Interest Group in Pure and Applied Logic* 2010, doi:10.1093/jigpal/jzp068.
-  Wansing, Heinrich and Kamide, Norihiro, 2010, Intuitionistic trilattice logics, *Journal of Logic and Computation*, 20.
-  Wansing, Heinrich and Shramko, Yaroslav, 2008a, Harmonious many-valued propositional logics and the logic of computer networks, in: C. Dégremont, L. Keiff and H. Rückert (eds.), *Dialogues, Logics and Other Strange Things. Essays in Honour of Shahid Rahman*, College Publications, 491-516.
-  Wansing, Heinrich and Shramko, Yaroslav, 2008b, Suszko's Thesis, inferential many-valuedness, and the notion of a logical system, *Studia Logica*, 88: 405-429, 89: 147.

-  Wansing, Heinrich and Shramko, Yaroslav, 2008c, A note on two ways of defining a many-valued logic, in: M. Pelis (ed.), *Logica Yearbook 2007*, Filosofia, Prague, 255-266.
-  Widerker, David, 1983, The extensionality argument, *Nous*, 17: 457-468.
-  Wille, Rudolf, 1995, The basic theorem of triadic concept analysis, *Order*, 12: 149-158.
-  Williamson, Timothy, 1990, *Identity and Discrimination*, Blackwell, Oxford.
-  Williamson, Timothy, 1994, *Vagueness*, Routledge, London.
-  Wilson, George, 1978, On definite and indefinite descriptions, *Philosophical Review*, 87: 48-76.
-  Windelband, Wilhelm, 1915, *Präludien: Aufsätze und Reden zur Philosophie und ihrer Geschichte*, 5. Aufgabe, Bnd. 1., Tübingen.
-  Wójcicki, Ryszard, 1970, Some remarks on the consequence operation in sentential logics, *Fundamenta Mathematicae*, 68: 269-279.
-  Wójcicki, Ryszard, 1984, R. Suszko's situational semantics, *Studia Logica*, 43: 326-327.

-  Wójcicki, Ryszard, 1986, Situation semantics for non-Fregean logic, *Journal of Non-Classical Logic*, 3: 33-67.
-  Wójcicki, Ryszard, 1988, *Theory of Logical Calculi. Basic Theory of Consequence Operations*, Kluwer Academic Publishers, Dordrecht.
-  Wójtowicz, Anna, 2005, The Slingshot Argument and Non-Fregean Logic, in: A. Brozek, J. Jadacki, and W. Strawinski (eds.), *Logic, Methodology and Philosophy of Science at Warsaw University*, Vol. 2, Wydawnictwo Naukowe Semper, Warsaw, 185-192.
-  Wrigley, Anthony, 2006, Abstracting propositions, *Synthese*, 151: 157-176.
-  Zach, Richard, 1993, *Proof Theory of Finite-valued Logics*, Diploma Thesis, Technische Universität Wien, Vienna, Technical Report TUW-E185.2-Z.1-93.
(Available at <http://www.ucalgary.ca/rzach/papers/ptmvl.html>)
-  Zadeh, Lotfi, 1965, Fuzzy sets, *Information and Control*, 8: 338-53.
-  Zadeh, Lotfi, 1975, Fuzzy logic and approximate reasoning, *Synthese*, 30: 407-425.
-  Zaitsev, Dmitri, 2009, A few more useful 8-valued logics for reasoning with tetralattice $EIGHT_4$, *Studia Logica*, 92: 265-280.



Zalta, Edward, 1983, *Abstract Objects: An Introduction to Axiomatic Metaphysics*, D. Reidel Publishing Co., Dordrecht.