

Forthcoming

- [1] Selmer Bringsjord and Naveen Sundar Govindarajulu. “The Theory of Cognitive Consciousness, and Λ (Lambda)”. In: *Journal of Artificial Intelligence and Consciousness* (Forthcoming). URL: http://kryten.mm.rpi.edu/sb_nsg_lambda_jaic_april_6_2020_3_42_pm_NY.pdf.

2020

- [1] Michael Giancola, Selmer Bringsjord, Naveen Sundar Govindarajulu, and Carlos Varela. “Ethical Reasoning for Autonomous Agents Under Uncertainty”. In: *Smart Living and Quality Health with Robots, Proceedings of ICRES 2020*. Ed. by M.O. Tokhi, M.I.A. Ferreira, N.S. Govindarajulu, M.F. Silva, E.E. Kadar, J. Wang, and A.P. Kaur. Available at http://kryten.mm.rpi.edu/MG_SB_NSQ_CV_LogicizationMiracleOnHudson.pdf. London, UK: CLAWAR, Sept. 2020, pp. 26–41.
- [2] Selmer Bringsjord, James Hendler, Naveen Sundar Govindarajulu, and Rikhiya Ghosh. “What is the Meaning of Culture-Bound Ethical Norms for Robots? The Answer from Hypergraphical Inferential Semantics”. In: *Smart Living and Quality Health with Robots, Proceedings of ICRES 2020*. Ed. by M.O. Tokhi, M.I.A. Ferreira, N.S. Govindarajulu, M.F. Silva, E.E. Kadar, J. Wang, and A.P. Kaur. Available at http://kryten.mm.rpi.edu/SBringsjordetal_HouseholdRobotsHIS.pdf. London, UK: CLAWAR, Sept. 2020, pp. 61–73.
- [3] Selmer Bringsjord, Michael Giancola, and Naveen Sundar Govindarajulu. “Toward Defeasible Multi-Operator Argumentation Systems for Culturally Aware Social Robots that Carry Humans Inside Them”. In: *Robophilosophy 2020*. Forthcoming. 2020.
- [4] Michael Giancola, Selmer Bringsjord, Naveen Sundar Govindarajulu, and John Licato. “Adjudication of Symbolic & Connectionist Arguments in Autonomous Driving AI”. In: *GCAI 2020. 6th Global Conference on Artificial Intelligence (GCAI 2020)*. Ed. by Gregoire Danoy, Jun Pang, and Geoff Sutcliffe. Vol. 72. EPiC Series in Computing. EasyChair, 2020, pp. 28–33. DOI: [10.29007/k647](https://doi.org/10.29007/k647). URL: <https://easychair.org/publications/paper/Vt14>.
- [5] Selmer Bringsjord, Naveen Sundar Govindarajulu, John Licato, and Michael Giancola. “Learning Ex Nihilo”. In: *GCAI 2020. 6th Global Conference on Artificial Intelligence (GCAI 2020)*. Ed. by Gregoire Danoy, Jun Pang, and Geoff Sutcliffe. Vol. 72. EPiC Series in Computing. EasyChair, 2020, pp. 1–27. DOI: [10.29007/ggcf](https://doi.org/10.29007/ggcf). URL: <https://easychair.org/publications/paper/NzWG>.

2019

- [1] Selmer Bringsjord. “Computer Science as Immaterial Formal Logic”. In: *Philosophy & Technology* (2019). Available at <http://kryten.mm.rpi.edu/CompSciAsImmaterialFormalLogicPreprint.pdf>, pp. 1–9. DOI: [10.1007/s13347-019-00366-7](https://doi.org/10.1007/s13347-019-00366-7).
- [2] Naveen Sundar Govindarajulu, Selmer Bringsjord, Rikhiya Ghosh, and Vasanth Sarathy. “Toward the Engineering of Virtuous Machines”. In: *Proceedings of the 2019 AAAI/ACM Conference on AI, Ethics, and Society (AIES 2019)*. Available at http://kryten.mm.rpi.edu/NSG_SBetatal_VirtuousMachines012219.pdf. ACM. 2019, pp. 29–35.

- [3] N.S. Govindarajulu, S. Bringsjord, and M. Peveler. “On Quantified Modal Theorem Proving for Modeling Ethics”. In: *Proceedings of the Second International Workshop on Automated Reasoning: Challenges, Applications, Directions, Exemplary Achievements (ARCADE 2019)*. Ed. by Martin Suda and Sarah Winkler. Vol. 311. Electronic Proceedings in Theoretical Computer Science. Available at <http://eptcs.web.cse.unsw.edu.au/paper.cgi?ARCADE2019.7.pdf>. 2019, pp. 43–49. DOI: [10.4204/EPTCS.311.7](https://doi.org/10.4204/EPTCS.311.7).
- [4] Selmer Bringsjord, Naveen Sundar Govindarajulu, and Christina Elmore. “Logician Computational Cognitive Modeling of Infinitary False-Belief Tasks”. In: *Proceedings of the 41st Annual Conference of the Cognitive Science Society*. Ed. by A.K. Goel, C.M. Seifert, and C. Freksa. Available at https://cognitivesciencesociety.org/wp-content/uploads/2019/07/cogsci19_proceedings-8July2019-compressed.pdf. Cognitive Science Society, 2019, pp. 43–45.
- [5] Selmer Bringsjord and Naveen Sundar Govindarajulu. “Introducing Λ for Measuring Cognitive Consciousness”. In: *Proceedings of TOCAIS19 (Toward Conscious AI Systems)*. Ed. by A. Chella, D. Gamez, P. Lincoln, R. Manzotti, and J. Pfautz. Vol. 2287. Available at <http://ceur-ws.org/Vol-2287/paper26.pdf>. 2019.
- [6] Naveen Sundar Govindarajulu and Selmer Bringsjord. “Towards a Computable & Harnessable Model of Consciousness”. In: *Proceedings of TOCAIS19 (Toward Conscious AI Systems)*. Ed. by A. Chella, D. Gamez, P. Lincoln, R. Manzotti, and J. Pfautz. Vol. 2287. Available at <http://ceur-ws.org/Vol-2287/paper27.pdf>. 2019.
- [7] Naveen Sundar Govindarajulu, Selmer Bringsjord, Rikhiya Ghosh, and Matthew Peveler. “Beyond the Doctrine of Double Effect: A Formal Model of True Self-Sacrifice”. In: *Robotics and Well-Being*. Ed. by M.I.A. Ferreira, J.S. Sequeira, G.S. Virk, M.O. Tokhi, and E.E. Kadar. Available at http://kryten.mm.rpi.edu/NSG_SB_RG_MP_DDE_SelfSac_110617.pdf. Springer, 2019, pp. 39–54.
- [8] Antonio Chella, Angelo Cangelosi, Giorgio Metta, and Selmer Bringsjord. “Consciousness in Humanoid Robots”. In: *Frontiers in Robotics and AI* 6.17 (2019). Available at <https://doi.org/10.3389/frobt.2019.00017>.
- [9] Marjorie McShane, Selmer Bringsjord, James Hendler, Sergei Nirenburg, and Ron Sun. “A Response to Núñez et al.’s (2019) “What Happened to Cognitive Science?”” In: *Topics in Cognitive Science* (2019). Available at <https://doi.org/10.1111/tops.12458>, pp. 914–917.

2018

- [1] Selmer Bringsjord and Naveen Sundar Govindarajulu. “Artificial Intelligence”. In: *The Stanford Encyclopedia of Philosophy*. Ed. by Edward N. Zalta. Fall 2018. Current version is available at <https://plato.stanford.edu/entries/artificial-intelligence>; original version published in 2018 is available at <https://plato.stanford.edu/archives/fall2018/entries/artificial-intelligence/>. Metaphysics Research Lab, Stanford University, 2018.
- [2] Selmer Bringsjord. “Logician Remarks on Rapaport on Philosophy of Computer Science+”. In: *APA Newsletter on Philosophy and Computers* 18.1 (2018). Ed. by Piotr Boltuc. Available at <http://kryten.mm.rpi.edu/SBonBR.pdf>, pp. 28–31.

- [3] Naveen Sundar Govindarajulu, Selmer Bringsjord, Atriya Sen, Jean-Claude Paquin, and Kevin O’Neill. “Ethical Operating Systems”. In: *Reflections on Programming Systems*. Ed. by Liesbeth De Mol and Giuseppe Primiero. Available at http://kryten.mm.rpi.edu/NSG_SB_extracted_HistoryPhilosophyOS_submitted.pdf. Springer, 2018, pp. 235–260.
- [4] Selmer Bringsjord and Naveen Sundar Govindarajulu. “The Epistemology of Computer-Mediated Proofs”. In: *Technology and Mathematics: Philosophical and Historical Investigations*. Available at http://kryten.mm.rpi.edu/SB_NSJ_EpistComp-MediatedProofs_0516172200NY.pdf. Springer, 2018, pp. 165–183.
- [5] Selmer Bringsjord, Naveen Sundar Govindarajulu, Shreya Banerjee, and John Hummel. “Do Machine-Learning Machines Learn?” In: *Philosophy and Theory of Artificial Intelligence 2017*. Ed. by V. Muller. Vol. 44. Available at http://kryten.mm.rpi.edu/SB_NSJ_SB_JH_DoMachine-LearningMachinesLearn_preprint.pdf. Springer, 2017, pp. 136–157.
- [6] Selmer Bringsjord, Naveen Sundar Govindarajulu, Atriya Sen, Matthew Peveler, Biplav Srivastava, and Kartik Talamadupula. “Tentacular Artificial Intelligence, and the Architecture Thereof, Introduced”. In: *Proceedings of the Architectures and Evaluation for Generality, Autonomy & Progress in AI Workshop (AEGAP 2018)*. Available at http://kryten.mm.rpi.edu/TAI_AEGAP2018_cc.pdf. 2018.
- [7] Selmer Bringsjord and Naveen Sundar Govindarajulu. “Are Autonomous-and-Creative Machines Intrinsically Untrustworthy?” In: *Foundations of Trusted Autonomy*. Ed. by H. Hussein Abbass, J. Scholz, and D. Reid. Available at http://kryten.mm.rpi.edu/SB_NSJ_aut2dishon.pdf. Springer, 2018, pp. 317–335.
- [8] Selmer Bringsjord, Naveen Sundar Govindarajulu, and Atriya Sen. “Demystifying “Value Alignment: Formally Linking Axiology to Ethical Principles in a Deontic Cognitive Calculus”. In: *Hybrid Worlds: Societal and Ethical Challenges; Proceedings of the International Conference on Robot Ethics and Standards (ICRES) 2018*. Ed. by Selmer Bringsjord, Mohammad Osman Tokhi, Maria Isabel Aldinhas Ferreira, and Naveen Sundar Govindarajulu. Available (within full e-book) at <http://kryten.mm.rpi.edu/HybridWorlds.pdf>. CLAWAR, 2018, pp. 139–143.
- [9] Matthew Peveler, Naveen Sundar Govindarajulu, and Selmer Bringsjord. “Toward Automating the Doctrine of Triple Effect”. In: *Hybrid Worlds: Societal and Ethical Challenges; Proceedings of the International Conference on Robot Ethics and Standards (ICRES) 2018*. Ed. by Selmer Bringsjord, Mohammad Osman Tokhi, Maria Isabel Aldinhas Ferreira, and Naveen Sundar Govindarajulu. Available (within full e-book) at <http://kryten.mm.rpi.edu/HybridWorlds.pdf>. CLAWAR, 2018, pp. 82–88.
- [10] Atriya Sen, Paul Mayol, Biplav Srivastava, Kartik Talamadupula, Naveen Sundar Govindarajulu, and Selmer Bringsjord. “Virtue Ethics via Planning and Learning”. In: *Hybrid Worlds: Societal and Ethical Challenges; Proceedings of the International Conference on Robot Ethics and Standards (ICRES) 2018*. Ed. by Selmer Bringsjord, Mohammad Osman Tokhi, Maria Isabel Aldinhas Ferreira, and Naveen Sundar Govindarajulu. Available (within full e-book) at <http://kryten.mm.rpi.edu/HybridWorlds.pdf>. CLAWAR, 2018, pp. 26–32.
- [11] Naveen Sundar Govindarajulu, Selmer Bringsjord, and Rikhiya Ghosh. “Virtue Ethics via Planning and Learning”. In: *Hybrid Worlds: Societal and Ethical Challenges; Proceedings of the International Conference on Robot Ethics and Standards (ICRES) 2018*. Ed. by Selmer Bringsjord, Mohammad Osman Tokhi, Maria Isabel Aldinhas Ferreira, and Naveen Sundar

- Govindarajulu. Available (within full e-book) at <http://kryten.mm.rpi.edu/HybridWorlds.pdf>. CLAWAR, 2018, pp. 33–38.
- [12] Selmer Bringsjord, Paul Bello, and Naveen Sundar Govindarajulu. “Toward Axiomatizing Consciousness”. In: *The Bloomsbury Companion to the Philosophy of Consciousness* (2018). Ed. by D. Jacquette. Available at http://kryten.mm.rpi.edu/SB_PB_NSQ_axiomatizing_consciousness.pdf, pp. 289–324.
- [13] Atriya Sen, Selmer Bringsjord, Naveen Sundar Govindarajulu, Paul Mayol, Rikhiya Ghosh, Biplav Srivastava, and Kartik Talamadupula. “Toward a Smart City Using Tentacular AI”. In: *Proceedings of the 14th European Conference on Ambient Intelligence*. Available at <http://kryten.mm.rpi.edu/TowardSmartCitiesAMI.pdf>. Springer. 2018, pp. 106–112.
- [14] Selmer Bringsjord, Atriya Sen, and Eamon Olive. “The (Formal) Theory of Rationalist Attention (ToRA)”. In: *IACAP 2018 (Extended abstract)* (2018). Available at <http://kryten.mm.rpi.edu/TORA4IACAP2018Abstract.pdf>.

2017

- [1] Selmer Bringsjord. “An Argument For P=NP”. In: *Minds and Machines* 27.4 (2017). Available at http://kryten.mm.rpi.edu/Bringsjord2017_Article_AnArgumentForPNP.pdf, pp. 663–672.
- [2] Selmer Bringsjord. “Tolerating the Barcan Formula, and Refining Digital Physics: Reply to Arkoudas”. In: *Minds and Machines* 27.4 (2017). Available at http://kryten.mm.rpi.edu/Bringsjord2017_Article_ToleratingTheBarcanFormulaAndR.pdf, pp. 679–682.
- [3] Selmer Bringsjord. “Is Universal Computation a Myth?” In: *Emergent Computation: A Festschrift for Selim Akl*. Ed. by A. Adamatzky. Available at http://kryten.mm.rpi.edu/SBringsjord_on_SAKl_on_MythUniversalComputer.pdf. Springer, 2017, pp. 19–37.
- [4] Selmer Bringsjord and Alexander Bringsjord. “The Singularity Business: Toward a Realistic, Fine-grained Economics for an AI-Infused World”. In: *Philosophy and Computing: Essays in Epistemology, Philosophy of Mind, Logic, and Ethics*. Ed. by T. Powers. Available at http://kryten.mm.rpi.edu/SBringsjord_ABringsjord_SingularityBiz_0915151500.pdf. Springer, 2017, pp. 99–119.
- [5] Naveen Sundar Govindarajulu and Selmer Bringsjord. “On Automating the Doctrine of Double Effect”. In: *Proceedings of the Twenty-Sixth International Joint Conference on Artificial Intelligence (IJCAI-17)* (2017). Ed. by C. Sierra. Available at http://kryten.mm.rpi.edu/NSG_SB_AutomatingDDE_IJCAI-17.pdf, pp. 4722–4730.
- [6] Naveen Sundar Govindarajulu, Selmer Bringsjord, Rikhiya Ghosh, and Matthew Peveler. “Beyond the Doctrine of Double Effect: A Formal Model of True Self-Sacrifice”. In: *Proceedings of the 2017 International Conference on Robot Ethics and Safety Standards (ICRESS 2017)*. Available at http://kryten.mm.rpi.edu/NSG_SB_RG_MP_DDE_SelfSac_110617.pdf. 2017.

- [7] Naveen Sundar Govindarajulu and Selmer Bringsjord. “Strength Factors: An Uncertainty System for Quantified Modal Logic”. In: *Proceedings of the IJCAI Workshop on “Logical Foundations for Uncertainty and Machine Learning (LFU-2017)*. Ed. by V. Belle, J. Cussens, M. Finger, L. Godo, H. Prade, and G. Qi. Available at http://kryten.mm.rpi.edu/NSG_SB_StrengthFactorsQuantModalLogic_LFU-17.pdf. Melbourne, Australia, Aug. 2017, pp. 34–40. URL: <http://homepages.inf.ed.ac.uk/vbelle/workshops/lfu17/proc.pdf>.
- [8] Atriya Sen, Selmer Bringsjord, and Naveen Sundar Govindarajulu. “Inaugural Steps in a Computational Study of Time Travel”. In: *Proceedings of the 3rd International Conference on Logic, Relativity and Beyond*. 2017.
- [9] Paul Bello and Selmer Bringsjord. “Two Problems Afflicting the Search for a Standard Model of the Mind”. In: *2017 AAAI Fall Symposium Series*. Available at http://kryten.mm.rpi.edu/pb_sb_aaaifs2017_final.pdf. 2017.

2016

- [1] Selmer Bringsjord and Naveen Sundar Govindarajulu. “Leibniz’s Art of Infallibility, Watson, and the Philosophy, Theory, and Future of AI”. In: *Fundamental Issues of Artificial Intelligence*. Ed. by V. Muller. Vol. 376. Available at http://kryten.mm.rpi.edu/SB_NSQ_Watson_Leibniz_PT-AI_061414.pdf. Synthese Library Series, 2016, pp. 185–202.
- [2] Selmer Bringsjord and Atriya Sen. “On Creative Self-Driving Cars: Hire the Computational Logicians, Fast”. In: *Applied Artificial Intelligence* 30.8 (2016). Available at http://kryten.mm.rpi.edu/SB_AS_CreativeSelf-DrivingCars_0323161130NY.pdf, pp. 758–786.
- [3] Selmer Bringsjord. “Can Phronetic Robots Be Engineered by Computational Logicians? No... and Yes.” In: *Proceedings of Robophilosophy/TRANSOR 2016*. Ed. by J. Seibt, M. Nørskov, and S. Andersen. Available at http://kryten.mm.rpi.edu/SBringsjord_OnFormalizingPhronesis_ext_abstract_101116.pdf. IOS Press, 2016, pp. 3–6.
- [4] Selmer Bringsjord, Rikhiya Ghosh, and James Pane-Joyce. “Deontic Counteridenticals and the Design of Ethically Correct Intelligent Agents: First Steps”. In: *Proceedings of the 1st Workshop on Ethics in the Design of Intelligent Agents*. Available at http://kryten.mm.rpi.edu/SB_RG_JP-G_deontic_counteridenticals4EDIA2016.pdf. 2016, pp. 38–43.
- [5] Selmer Bringsjord, John Licato, and Alexander Bringsjord. “The Contemporary Craft of Creating Characters Meets Today’s Cognitive Architectures: A Case Study in Expressivity”. In: *Integrating Cognitive Architectures into Virtual Character Design*. Available at http://kryten.mm.rpi.edu/SB_JL_AB_char_craft2cog_arch_0121161500NY.pdf. IGI Global, 2016, pp. 151–180.
- [6] Selmer Bringsjord, John Licato, Daniel Arista, Naveen Sundar Govindarajulu, and Paul F Bello. “Introducing the Doxastically Centered Approach to Formalizing Relevance Bonds in Conditionals”. In: *Computing and Philosophy*. Available at http://kryten.mm.rpi.edu/Intro_Doxastically_Ctr_Approach.pdf. Springer, 2016, pp. 117–131.
- [7] Selmer Bringsjord. “A 21st-Century Ethical Hierarchy for Robots and Persons: $\mathcal{E}\mathcal{H}$ ”. In: *A World with Robots*. Ed. by I. Ferreira, J. Sequeria, M. Tokhi, E. Kandari, and G. Virk. Intelligent Systems, Control and Automation: Science and Engineering. Available at http://kryten.mm.rpi.edu/SELPAP/MOREMORALROBOTS/SBringsjord_ethical_hierarchy_062215b.pdf. Springer, 2016, pp. 47–61.

- [8] Naveen Sundar Govindarajulu and Selmer Bringsjord. “Crowdsourcing Theorem Proving via Natural Games”. In: *Proceedings of the Second Workshop on Bridging the Gap between Human and Automated Reasoning, at the International Joint Conference on Artificial Intelligence 2016*. Ed. by U. Furbach and C. Schon. Available at <http://ratio. uni-koblenz.de/proceedings2016.pdf>. 2016, pp. 28–42.

2015

- [1] Selmer Bringsjord. “A Vindication of Program Verification”. In: *History and Philosophy of Logic* 36.3 (2015). Available at http://kryten.mm.rpi.edu/SB_progver_selfref_driver_final2_060215.pdf, pp. 262–277.
- [2] Naveen Sundar Govindarajulu, Selmer Bringsjord, and Joshua Taylor. “Proof Verification and Proof Discovery for Relativity”. In: *Synthese* 192.7 (2015). Available at http://kryten.mm.rpi.edu/Govindarajulu-Bringsjord_proof_discovery_verification.pdf, pp. 2077–2094.
- [3] Selmer Bringsjord. “The Symbol Grounding Problem . . . Remains Unsolved”. In: *Journal of Experimental & Theoretical Artificial Intelligence* 27.1 (2015). Available at http://kryten.mm.rpi.edu/SB_on_LF_on_SGP_123013.pdf, pp. 63–72.
- [4] Selmer Bringsjord and John Licato. “Crossbows, von Clauswitz, and the Eternality of Software Shrouds: Reply to Christianson”. In: *Philosophy & Technology* 28.3 (2015). Available at http://kryten.mm.rpi.edu/SB_JL_on_BC.pdf, pp. 365–367.
- [5] Selmer Bringsjord and John Licato. “By Disanalogy, Cyberwarfare is Utterly New”. In: *Philosophy & Technology* 28.3 (2015). Available at http://kryten.mm.rpi.edu/SB_JL_cyberwarfare_disanalogy_DRIVER_final.pdf, pp. 339–358.
- [6] Selmer Bringsjord, Naveen Sundar Govindarajulu, John Licato, Atriya Sen, Joseph Johnson, Alexander Bringsjord, and Joshua Taylor. “On Logicist Agent-Based Economics”. In: *Proceedings of Artificial Economics*. Available at http://kryten.mm.rpi.edu/SB_JL_AS_JJ_AB_NS_JT_AE2015_0605152315NY.pdf. 2015.
- [7] Naveen Sundar Govindarajulu and Selmer Bringsjord. “Ethical Regulation of Robots Must Be Embedded in Their Operating Systems”. In: *A Construction Manual for Robots’ Ethical Systems*. Ed. by Robert Trappl. Available at http://kryten.mm.rpi.edu/NSG_SB_Ethical_Robots_0p_Sys_0120141500.pdf. 2015, pp. 85–100.
- [8] Selmer Bringsjord. “A Refutation of Searle on Bostrom (re: Malicious Machines) and Floridi (re: Information)”. In: *APA Newsletter on Philosophy and Computation* 15.1 (2015). Available at http://kryten.mm.rpi.edu/SB_refutes_Searle_on_B_and_F_offprint.pdf, pp. 7–9.
- [9] Selmer Bringsjord, John Licato, Naveen Sundar Govindarajulu, Rikhiya Ghosh, and Atriya Sen. “Real Robots That Pass Human Tests of Self-Consciousness”. In: *Proceedings of the 24th IEEE International Symposium on Robot and Human Interactive Communication*. Available at http://kryten.mm.rpi.edu/SBringsjord_etal_self-con_robots_kg4_0601151615NY.pdf. IEEE. 2015, pp. 498–504.

- [10] Paul Bello, John Licato, and Selmer Bringsjord. “Constraints on Freely Chosen Action for Moral Robots: Consciousness and Control”. In: *Proceedings of the 24th IEEE International Symposium on Robot and Human Interactive Communication*. Available at https://rair.cogsci.rpi.edu/files/2015/07/ieee_roman_2015_freedom_start.pdf. IEEE, 2015, pp. 505–510.
- [11] Atriya Sen, Selmer Bringsjord, Nick Marton, John Licato, and AI Rensselaer. “Toward Diagrammatic Automated Discovery in Axiomatic Physics”. In: *2nd International Conference on Logic, Relativity and Beyond*. Available at http://kryten.mm.rpi.edu/AS_SB_NM_JL_Diag_Axiomatic_Physics_prelim_082915b.pdf. 2015.
- [12] Selmer Bringsjord and Alexander Bringsjord. “Can Accomplices to Fraud Will Themselves to Innocence, and Thereby Dodge Counter-Fraud Machines?” In: *Deceptive and Counter-Deceptive Machines*. Ed. by Micah Clark, Paul Bello, and Selmer Bringsjord. Available at http://kryten.mm.rpi.edu/SB_AB_will2innocence_010416.pdf. 2015.
- [13] John Licato, Nick Marton, Boning Dong, Ron Sun, and Selmer Bringsjord. “Modeling the Creation and Development of Cause-Effect Pairs for Explanation Generation in a Cognitive Architecture.” In: *Proceedings of the 3rd International Workshop on Artificial Intelligence and Cognition*. Ed. by A. Lieto, C. Battaglino, D. Radicioni, and M. Sanguinetti. Available at <http://ceur-ws.org/Vol-1510/paper3.pdf>. 2015, pp. 29–39.
- [14] Selmer Bringsjord. “Theorem: General Intelligence Entails Creativity, Assuming . . .” In: *Computational Creativity Research: Towards Creative Machines*. Ed. by T. Besold, M. Schorlemmer, and A. Smail. Available at http://kryten.mm.rpi.edu/SB_gi_implies_creativity_061014.pdf. Springer, 2015, pp. 51–64.
- [15] John Licato, Selmer Bringsjord, and Naveen Sundar Govindarajulu. “How Models of Creativity and Analogy Need to Answer the Tailorability Concern”. In: *Computational Creativity Research: Towards Creative Machines*. Ed. by T. Besold, M. Schorlemmer, and A. Smail. Available at http://kryten.mm.rpi.edu/JL_SB_NSg_tailorability_concern_061014.pdf. Springer, 2015, pp. 93–107.
- [16] Simon Ellis, Alex Haig, Selmer Bringsjord, Joe Valerio, Jonas Braasch, Pauline Oliveros, et al. “Handle: Engineering artificial musical creativity at the “trickery” level”. In: *Computational Creativity Research: Towards Creative Machines*. Ed. by T. Besold, M. Schorlemmer, and A. Smail. Available at http://kryten.mm.rpi.edu/Ellis_etal_C3GI_book_2014_042514.pdf. Springer, 2015, pp. 285–308.

2014

- [1] Joe Johnson, Naveen Sundar Govindarajulu, and Selmer Bringsjord. “A Three-Pronged Simonesque Approach to Modeling and Simulation in Deviant “Bi-Pay” Auctions, and Beyond”. In: *Mind & Society* 13.1 (2014). Available at http://kryten.mm.rpi.edu/JJ_NSg_SB_bounded_rationality_031214.pdf, pp. 59–82.
- [2] Elizabeth Bringsjord and Selmer Bringsjord. “Education and . . . Big Data versus Big-But-Buried Data”. In: *Building a Smarter University* (2014). Available at http://kryten.mm.rpi.edu/SB_EB_BBBD_0201141900NY.pdf, pp. 57–89.

- [3] John E Hummel, John Licato, and Selmer Bringsjord. “Analogy, explanation, and proof”. In: *Frontiers in Human Neuroscience* 8 (2014). Available at <https://doi.org/10.3389/fnhum.2014.00867>, p. 867.
- [4] Konstantine Arkoudas and Selmer Bringsjord. “The Philosophical Foundations of Artificial Intelligence”. In: *The Cambridge Handbook of Artificial Intelligence*. Ed. by K. Frankish and W. Ramsey. Available at http://kryten.mm.rpi.edu/KA_SB_Handbook_AI.pdf. Cambridge University Press, 2014, pp. 34–63.
- [5] Naveen Sundar Govindarajulu, John Licato, and Selmer Bringsjord. “Toward a Formalization of QA Problem Classes”. In: *7th International Conference on Artificial General Intelligence*. Ed. by B. Goertzel, L. Orseau, and J. Snaider. Available at http://kryten.mm.rpi.edu/NSG_SB_JL_QA_formalization_060214.pdf. 2014, pp. 228–233.
- [6] Selmer Bringsjord, Naveen Sundar Govindarajulu, Simon Ellis, Evan McCarty, and John Licato. “Nuclear Deterrence and the Logic of Deliberative Mindreading”. In: *Cognitive Systems Research* 28 (2014). Available at http://kryten.mm.rpi.edu/SB_NSJ_SE_EM_JL_nuclear_mindreading_062313.pdf, pp. 20–43.
- [7] John Licato, Ron Sun, and Selmer Bringsjord. “Using a Hybrid Cognitive Architecture to Model Children’s Errors in an Analogy Task”. In: *Proceedings of the Annual Meeting of the Cognitive Science Society*. Vol. 36. 36. Available at <https://escholarship.org/content/qt22b5d550/qt22b5d550.pdf>. 2014.
- [8] John Licato, Ron Sun, and Selmer Bringsjord. “Structural Representation and Reasoning in a Hybrid Cognitive Architecture”. In: *2014 International Joint Conference on Neural Networks (IJCNN)*. Available at http://kryten.mm.rpi.edu/JL_RS_SB_hybrid_IJCNN2014_012014.pdf. IEEE. 2014, pp. 891–898.
- [9] Selmer Bringsjord, Micah Clark, and Joshua Taylor. “Sophisticated Knowledge Representation and Reasoning Requires Philosophy”. In: *Philosophy, Computing, and Information Science*. Ed. by Ruth Hagengruber and Uwe Riss. Available at http://kryten.mm.rpi.edu/philkrr_091009.pdf. Pickering & Chatto Publishers, 2014, pp. 99–119.
- [10] Naveen Sundar Govindarajulu and Selmer Bringsjord. “The Untenability of Agentless Versions of the Church-Turing Thesis”. In: *Church’s Thesis: Logic, Mind, and Nature*. Ed. by A. Olszewski, B. Brozek, and P. Urbanczyk. Available at http://kryten.mm.rpi.edu/NSG_SB_Agentless_Churchs_Thesis.pdf. Copernicus Center Press, 2014, pp. 293–304.
- [11] Selmer Bringsjord, Naveen Sundar Govindarajulu, Dan Thero, and Mei Si. “Akratic Robots and the Computational Logic Thereof”. In: *Proceedings of the IEEE 2014 International Symposium on Ethics in Engineering, Science, and Technology*. Available at http://kryten.mm.rpi.edu/SB_et_al_akratic_robots_0301141621NY.pdf. IEEE Press. 2014, pp. 22–29.
- [12] Selmer Bringsjord. “Toward Formalizing Culture: First Steps”. In: *Hypothesis* 1.1 (2014). Available at http://kryten.mm.rpi.edu/SB_FormalizingCulture_121313.pdf, pp. 19–27.
- [13] John Licato, Ron Sun, and Selmer Bringsjord. “Using Meta-Cognition for Regulating Explanatory Quality Through a Cognitive Architecture”. In: *Proceedings of the 2nd International Workshop on Artificial Intelligence and Cognition*. Available at <http://ceur-ws.org/Vol-1315/paper2.pdf>. 2014, pp. 27–38.

2013

- [1] Naveen Sundar Govindarajulu, John Licato, and Selmer Bringsjord. “Small steps toward hypercomputation via infinitary machine proof verification and proof generation”. In: *International Conference on Unconventional Computing and Natural Computation*. Available at https://link.springer.com/chapter/10.1007/978-3-642-39074-6_11 (paywalled). Springer. 2013, pp. 102–112.
- [2] Selmer Bringsjord and John Licato. “By disanalogy, cyberwarfare is utterly new”. In: *Proceedings of the NATO Workshop on Ethics of Cyber Conflict*. Available at http://kryten.mm.rpi.edu/SB_JL_cyberwarfare_disanalogy_112113IT.pdf. 2013.
- [3] Paul Bello and Selmer Bringsjord. “On how to build a moral machine”. In: *Topoi* 32.2 (2013). Available at <http://kryten.mm.rpi.edu/Topoi.MachineEthics.finaldraft.pdf>, pp. 251–266.
- [4] Selmer Bringsjord, Alexander Bringsjord, and Paul Bello. “Belief in the Singularity is Fideistic”. In: *The Singularity Hypotheses: The Frontier Collection*. Ed. by A. Eden, J. Moor, J. Søraker, and E. Steinhart. Available at http://kryten.mm.rpi.edu/SB_AB_PB_sing_fideism_022412.pdf. Springer, 2013, pp. 395–412.
- [5] Selmer Bringsjord, Alexander Bringsjord, and Paul Bello. “Hollow Hope for the Omega Point”. In: *The Singularity Hypotheses: The Frontier Collection*. Ed. by A. Eden, J. Moor, J. Søraker, and E. Steinhart. Available at http://kryten.mm.rpi.edu/SB_AB_PB_commentary_on_JS_061212-2330NY.pdf. Springer, 2013, pp. 81–83.
- [6] John Licato, Naveen Sundar Govindarajulu, Selmer Bringsjord, Michael Pomeranz, and Logan Gittelson. “Analogico-Deductive Generation of Gödel’s First Incompleteness Theorem From the Liar Paradox”. In: *Twenty-Third International Joint Conference on Artificial Intelligence*. Available at http://kryten.mm.rpi.edu/ADR_2_GI_from_LP.pdf. 2013.
- [7] Selmer Bringsjord. “Free Will and A New Kind of Science”. In: *Irreducibility and Computational Equivalence*. Available at http://kryten.mm.rpi.edu/Free-Will_and_A_New_Kind_of_Science.pdf. Springer, 2013, pp. 341–350.
- [8] Selmer Bringsjord and Naveen Sundar Govindarajulu. “Toward a Modern Geography of Minds, Machines, and Math”. In: *Philosophy and theory of artificial intelligence*. Springer, 2013, pp. 151–165.
- [9] Naveen Sundar Govindarajulu, Selmer Bringsjord, and John Licato. “On Deep Computational Formalization of Natural Language”. In: *Proceedings of the Workshop: “Formalizing Mechanisms for Artificial General Intelligence and Cognition” (Formal MAGiC) at Artificial General Intelligence*. 2013.

2012

- [1] Selmer Bringsjord and Micah H Clark. “Red-Pill Robots Only, Please”. In: *IEEE Transactions on Affective Computing* 3.4 (2012). Available at <http://kryten.mm.rpi.edu/TAFFCSI-2011-08-0056-1.pdf>, pp. 394–397.
- [2] Selmer Bringsjord. “Belief in The Singularity is Logically Brittle”. In: *Journal of Consciousness Studies* 19.7 (2012). Available at http://kryten.mm.rpi.edu/SB_singularity_math_final.pdf, p. 14.

- [3] Naveen Sundar Govindarajulu and Selmer Bringsjord. “The Myth of “The Myth of Hyper-computation””. In: *Parallel Processing Letters* 22.03 (2012). Available at http://kryten.mm.rpi.edu/Univ_Turku_The_Myth_Of_The_Myth.pdf, p. 14.
- [4] Naveen Sundar Govindarajulu, Selmer Bringsjord, and Joshua Taylor. “Proof Verification and Proof Discovery for Relativity”. In: *Book of Abstracts for First International Conference on Logic and Relativity* (2012). Available at http://kryten.mm.rpi.edu/Govindarajulu-Bringsjord_proof_discovery_verification.pdf.
- [5] Selmer Bringsjord and John Licato. “Psychometric Artificial General Intelligence: the Piaget-MacGuyver Room”. In: *Theoretical Foundations of Artificial General Intelligence*. Ed. by Pei Wang and Ben Goertzel. Available at http://kryten.mm.rpi.edu/Bringsjord_Licato_PAGI_071512.pdf. Springer, 2012, pp. 25–48.
- [6] Selmer Bringsjord and Naveen Sundar Govindarajulu. “Given the Web, What is Intelligence, Really?” In: *Metaphilosophy* 43.4 (2012). Available at http://kryten.mm.rpi.edu/SB_NSJ_Real_Intelligence_040912.pdf, pp. 464–479.
- [7] Selmer Bringsjord and Joshua Taylor. “The divine-command approach to robot ethics”. In: *Robot ethics: The ethical and social implications of robotics*. Ed. by Patrick Lin, Keith Abney, and George A Bekey. Available at http://kryten.mm.rpi.edu/Divine-Command_Roboethics_Bringsjord_Taylor.pdf. MIT Press Cambridge, MA, 2012, pp. 85–108.
- [8] Selmer Bringsjord, Naveen Sundar Govindarajulu, Eugene Eberbach, and Yingrui Yang. “Perhaps the rigorous modeling of economic phenomena requires hypercomputation”. In: *International Journal of Unconventional Computing* 8.1 (2012). Available at http://kryten.mm.rpi.edu/SB_NSJ_EE_YY_28-9-2010.pdf, pp. 3–32.
- [9] Selmer Bringsjord and Joe Johnson. “Rage Against The Machine; What are Our Prospects as Advances in AI Change the Labour Equation?” In: *The Philosophers’ Magazine* 57 (2012). Available at http://kryten.mm.rpi.edu/SB_JJ_Rage_Against_Machine_offprint.pdf, pp. 90–95.
- [10] Selmer Bringsjord, Jinrong Li, Naveen Sundar Govindarajulu, and Konstantine Arkoudas. “On the Cognitive Science of of Computer Programming, in Service of Two Historic Challenges”. In: *Symposium on History and Philosophy of Computer Programming*. Available at http://kryten.mm.rpi.edu/SB_JL_NSJ_KA_HAPOP_060412.pdf. 2012.

2011

- [1] Selmer Bringsjord, Joshua Taylor, R Wojtowicz, Konstantine Arkoudas, B van Heuveln, M Anderson, and S Anderson. “Piagetian roboethics via category theory: Moving beyond mere formal operations to engineer robots whose decisions are guaranteed to be ethically correct”. In: *Machine ethics* (2011). Available at http://kryten.mm.rpi.edu/SB_etal_PiagetianRoboethics_091510.pdf, pp. 361–374.
- [2] Selmer Bringsjord. “Psychometric artificial intelligence”. In: *Journal of Experimental & Theoretical Artificial Intelligence* 23.3 (2011), pp. 271–277.
- [3] Nate Chapin, Boleslaw Szymanski, Selmer Bringsjord, and Bettina Schimanski. “A bottom-up complement to the logic-based top-down approach to the story arrangement test”. In: *Journal of Experimental & Theoretical Artificial Intelligence* 23.3 (2011), pp. 329–341.

- [4] Jonas Braasch, Selmer Bringsjord, Colin Kuebler, Pauline Oliveros, Anthony Parks, and Doug Van Nort. “CAIRA-a creative artificially-intuitive and reasoning agent as conductor of telematic music improvisations”. In: *Audio Engineering Society Convention 131*. Available at http://kryten.mm.rpi.edu/Caira_Creative_Artificially-Intuitive_and_Reasoning_Ageny.pdf. Audio Engineering Society. 2011.
- [5] Selmer Bringsjord and Naveen G Sundar. “In Defense of the Unprovability of the Church-Turing Thesis.” In: *International Journal of Unconventional Computing* 6.5 (2011). Available at http://kryten.mm.rpi.edu/SB_NSQ_CTTnotprovable_091510.pdf, pp. 353–373.
- [6] Selmer Bringsjord, Joseph Johnson, and Naveen Sundar Govindarajulu. “Hypercomputation, Artificial Intelligence, and the Future of Economics”. In: *Proceedings of the Satellite Workshops of UC 2011, in TUCS Lecture Notes*. Ed. by M. Stannett, D. Makowiec, A. Lawniczak, and B. Di Stefano. 14. Available at http://kryten.mm.rpi.edu/Univ_of_Turku_Hypercomputation_AI.pdf. 2011, pp. 21–35.
- [7] Selmer Bringsjord and Naveen Sundar Govindarajulu. “Abstract of: In Further Defense of the Unprovability of the Church-Turing Thesis”. In: *Studia Logica Conference on Trends in Logic IX: Churchs Thesis: Logic, Mind and Nature. Krakow, Poland*. Available at http://kryten.mm.rpi.edu/SB_NSQ_In_Further_Defense_of.pdf. 2011.

2010

- [1] Selmer Bringsjord. “Meeting Floridi’s Challenge to Artificial Intelligence from the Knowledge-Game Test for Self-Consciousness”. In: *Metaphilosophy* 41.3 (2010). Available at http://kryten.mm.rpi.edu/sb_on_floridi_offprint.pdf, pp. 292–312.
- [2] Selmer Bringsjord, Micah Clark, and Joshua Taylor. “Honestly Speaking, How Close are We to HAL 9000?” In: *Proceedings of the 3rd International Workshop on Physics and Computation*. Available at http://kryten.mm.rpi.edu/sb_mc_hal_091510.pdf. 2010, pp. 39–53.
- [3] Andrew Shilliday, Joshua Taylor, Micah Clark, and Selmer Bringsjord. “Provability-based semantic interoperability for information sharing and joint reasoning”. In: *Proceeding of the 2010 conference on Ontologies and Semantic Technologies for Intelligence, Frontiers in Artificial Intelligence and Applications*. Vol. 213. Available at <http://kryten.mm.rpi.edu/toward.pbsi4oic.pdf>. 2010, pp. 109–128.
- [4] Selmer Bringsjord. “The Hypercomputational Case for Substance Dualism”. In: *Thinking Machines and the Philosophy of Computer Science: Concepts and Principles*. Available at <http://www.irma-international.org/viewtitle/43692/>. IGI Global, 2010, pp. 83–103.
- [5] Selmer Bringsjord. “God, souls, and Turing: in defense of the theological objection to the Turing test”. In: *Kybernetes* (2010). Available at http://kryten.mm.rpi.edu/SB_theo_obj_tt_offprint.pdf.

2009

- [1] S Bringsjord. “But perhaps robots are essentially non-persons”. In: *Erwägen Wissen Ethik* 20.2 (2009). Available at http://kryten.mm.rpi.edu/SB_Robots_Ess_Non-Persons.pdf, pp. 193–195.
- [2] Selmer Bringsjord and Alexander Bringsjord. “Synthetic Worlds and Characters, and the Future of Creative Writing”. In: *SmithC. AP KisielK. MorrisonJ.(Eds.), Working through synthetic worlds* (2009). Available at http://kryten.mm.rpi.edu/SB_AB_swcw_031809.pdf, pp. 235–255.
- [3] Konstantine Arkoudas and Selmer Bringsjord. “Vivid: A framework for heterogeneous problem solving”. In: *Artificial Intelligence* 173.15 (2009). Available at http://kryten.mm.rpi.edu/KA_SB_Vivid_offprint_AIJ.pdf, pp. 1367–1405.
- [4] Ron Sun and Selmer Bringsjord. “Cognitive systems and cognitive architectures”. In: *Wiley Encyclopedia of Computer Science and Engineering* (2009). Available at http://kryten.mm.rpi.edu/rs_sb_wileyency_pp.pdf.
- [5] Konstantine Arkoudas and Selmer Bringsjord. “Propositional Attitudes and Causation.” In: *Int. J. Software and Informatics* 3.1 (2009). Available at http://kryten.mm.rpi.edu/PRICAI_w_sequentialcalc_041709.pdf, pp. 47–65.
- [6] Konstantine Arkoudas, Selmer Bringsjord, and Sangeet Khemlani. “Qualitative Spatial Reasoning Via 3-Valued Heterogeneous Logic.” In: *KEOD*. Available at https://www.researchgate.net/profile/Sangeet_Khemlani/publication/220802161_Qualitative_Spatial_Reasoning_Via_3-Valued_Heterogeneous_Logic/links/576956e308ae2d7145ba7e85.pdf. 2009, pp. 80–87.
- [7] Selmer Bringsjord. “General Intelligence and Hypercomputation”. In: *Proceedings of the 2nd Conference on Artificial General Intelligence (2009)*. Available at <https://download.atlantipress.com/article/1861.pdf>. Atlantis Press. 2009.

2008

- [1] Selmer Bringsjord and Jinrong Li. “Toward aligning computer programming with clear thinking via the reason programming language”. In: *Current Issues in Computing and Philosophy* 175 (2008). Available at http://kryten.mm.rpi.edu/Selmer_clear_prog_Dec17.pdf, p. 156.
- [2] Selmer Bringsjord. “The logicist manifesto: At long last let logic-based artificial intelligence become a field unto itself”. In: *Journal of Applied Logic* 6.4 (2008). Available at http://kryten.mm.rpi.edu/SB_LAI_Manifesto_091808.pdf, pp. 502–525.
- [3] Selmer Bringsjord. “Ethical robots: the future can heed us”. In: *Ai & Society* 22.4 (2008). Available at http://kryten.mm.rpi.edu/Bringsjord_EthRobots_searchable.pdf, pp. 539–550.
- [4] Selmer Bringsjord. “Declarative/logic-based computational cognitive modeling”. In: *The Handbook of Computational Cognitive Modeling*, Cambridge University Press, Cambridge. Ed. by Ron Sun. Citeseer, 2008.

- [5] Konstantine Arkoudas and Selmer Bringsjord. “Toward formalizing common-sense psychology: An analysis of the false-belief task”. In: *Pacific Rim International Conference on Artificial Intelligence*. Available at <http://kryten.mm.rpi.edu/PRES/PRICAI08/cognitiveCalculu s060308.pdf>. Springer. 2008, pp. 17–29.
- [6] Selmer Bringsjord, Joshua Taylor, Andrew Shilliday, Micah Clark, Konstantine Arkoudas, Michael Schoelles, Marc Destefano, and Jason Wodicka. “Slate: an argument-centered intelligent assistant to human reasoners”. In: *Proceedings of the 8th International Workshop on Computational Models of Natural Argument (CMNA 8)*. Available at http://kryten.mm.rpi.edu/Bringsjord_etal_Slate_cmna_crc_061708.pdf. Citeseer. 2008.
- [7] Joshua Taylor and Selmer Bringsjord. “Discovery Using Heterogeneous Combined Logics.” In: *AAAI Fall Symposium: Automated Scientific Discovery*. Available at http://kryten.mm.rpi.edu/JT_SB_Disc_Het_Logic.pdf. 2008, pp. 30–31.
- [8] Selmer Bringsjord. “If I Were Judge”. In: *Parsing the Turing Test: Philosophical and Methodological Issues in the Quest for the Thinking Computer (2008)*. Available at http://kryten.mm.rpi.edu/SB_If_I_Were_Judge2.pdf.
- [9] Micah Clark and Selmer Bringsjord. “Persuasion Technology Through Mechanical Sophistry”. In: *Communication and Social Intelligence (2008)*. Available at http://kryten.mm.rpi.edu/Clark_Bringsjord_PersuasionAISB2008.pdf, pp. 51–54.
- [10] Selmer Bringsjord, Andrew Shilliday, Joshua Taylor, Dan Werner, Micah Clark, Ed Charpentier, and Alexander Bringsjord. “Toward logic-based cognitively robust synthetic characters in digital environments”. In: *Proceedings of the First Conference on Artificial General Intelligence (AGI-08)*. Available at http://kryten.mm.rpi.edu/sb_etal_agi2008.pdf. 2008.

2007

- [1] Andrew Shilliday, Joshua Taylor, and Selmer Bringsjord. “Toward automated provability-based semantic interoperability between ontologies for the intelligence community”. In: *Ontology for the Intelligence Community: Towards Effective Exploitation and Integration of Intelligence Resources (OIC-2007)*, ed., KS Hornsby (2007). Available at http://kryten.mm.rpi.edu/sb_etal_agi2008.pdf, pp. 67–72.
- [2] Joshua Taylor, Andrew Shilliday, and Selmer Bringsjord. “Provability-based semantic interoperability via translation graphs”. In: *International Conference on Conceptual Modeling*. Available at http://kryten.mm.rpi.edu/jt_as_sb_PBSITG_crc.pdf. Springer. 2007, pp. 180–189.
- [3] Konstantine Arkoudas and Selmer Bringsjord. “Computers, justification, and mathematical knowledge”. In: *Minds and Machines 17.2 (2007)*. Available at http://kryten.mm.rpi.edu/ka_sb_proofs_offprint.pdf, pp. 185–202.
- [4] Selmer Bringsjord. “Offer: One billion dollars for a conscious robot; if you’re honest, you must decline”. In: *Journal of Consciousness Studies 14.7 (2007)*. Available at <http://kryten.mm.rpi.edu/jcsonebillion2.pdf>, pp. 28–43.
- [5] Selmer Bringsjord, Konstantine Arkoudas, Deepa Mukherjee, Andrew Edward Shilliday, Joshua Taylor, Micah Henry Clark, and Elizabeth Bringsjord. “The Multi-Mind Effect.” In: *IC-AI*. Available at http://kryten.mm.rpi.edu/Bringsjord_MultiMind_ICAI07.pdf. 2007, pp. 43–49.

- [6] Selmer Bringsjord, Konstantine Arkoudas, Micah Clark, Andrew Shilliday, Joshua Taylor, Bettina Schimanski, and Yingrui Yang. “Reporting on Some Logic-Based Machine Reading Research.” In: *AAAI Spring Symposium: Machine Reading*. Available at http://kryten.mm.rpi.edu/sb_ka_machinereading_ss07_012907.pdf. 2007, pp. 23–28.

2006

- [1] Selmer Bringsjord, Andrew Shilliday, Josh Taylor, Paul Bello, Yingrui Yang, and Konstantine Arkoudas. “Harnessing Intelligent Agent Technology to “Superteach” Reasoning”. In: *Teaching and Learning 2.2* (2006). Available at <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.99.9025&rep=rep1&type=pdf>. Additionally, preprint available at <http://kryten.mm.rpi.edu/Bringsjord.Vol2.Iss1.PubFormat.doc>, pp. 88–116.
- [2] Selmer Bringsjord and Konstantine Arkoudas. “On the Provability, Veracity, and AI-Relevance of the Church—Turing Thesis”. In: *Church’s Thesis after 70* (2006). Available at http://kryten.mm.rpi.edu/tc_bringsjord_arkoudas_022806.pdf, p. 66.
- [3] Selmer Bringsjord, Konstantine Arkoudas, and Paul Bello. “Toward a general logicist methodology for engineering ethically correct robots”. In: *IEEE Intelligent Systems 21.4* (2006). Available at http://kryten.mm.rpi.edu/bringsjord_inference_robot_ethics_preprint.pdf, pp. 38–44.
- [4] Selmer Bringsjord, Owen Kellett, Andrew Shilliday, Joshua Taylor, Bram Van Heuveln, Yingrui Yang, Jeffrey Baumes, and Kyle Ross. “A new Gödelian argument for hypercomputing minds based on the busy beaver problem”. In: *Applied Mathematics and Computation 176.2* (2006). Available at http://kryten.mm.rpi.edu/sb_etal_godel_bb.pdf, pp. 516–530.
- [5] Selmer Bringsjord and Micah Clark. “For Problems Sufficiently Hard... AI Needs CogSci”. In: *AAAI Spring Symposium: Between a Rock and a Hard Place: Cognitive Science Principles Meet AI-Hard Problems*. Available at <http://kryten.mm.rpi.edu/SS0602BringsjordS.pdf>. 2006, pp. 23–26.

2005

- [1] Selmer Bringsjord, Sangeet Khemlani, Konstantine Arkoudas, Chris McEvoy, Marc Deste-fano, and Matthew Daigle. “Advanced synthetic characters, evil, and E”. In: *Game-On*. Vol. 6. **Won the “Best Paper” Award**. Available at <http://kryten.mm.rpi.edu/gameon14.pdf>. 2005, pp. 31–39.
- [2] Selmer Bringsjord. “Ethical Robots: The Future Can Heed Us”. In: *AAAI fall symposium on machine ethics*. Available at <http://kryten.mm.rpi.edu/FS605BringsjordS.pdf>. 2005, pp. 24–29.
- [3] Konstantine Arkoudas, Selmer Bringsjord, and Paul Bello. “Toward ethical robots via mechanized deontic logic”. In: *AAAI fall symposium on machine ethics*. Available at <http://kryten.mm.rpi.edu/FS605ArkoudasAndBringsjord.pdf>. 2005, pp. 17–23.

2004

- [1] Selmer Bringsjord and Konstantine Arkoudas. “The modal argument for hypercomputing minds”. In: *Theoretical Computer Science* 317.1-3 (2004). Available at <http://kryten.mm.rpi.edu/modal.hypercomputing.pdf>, pp. 167–190.
- [2] Konstantine Arkoudas and Selmer Bringsjord. “Metareasoning for multi-agent epistemic logics”. In: *International Workshop on Computational Logic in Multi-Agent Systems*. Available at <http://kryten.mm.rpi.edu/arkoudas.bringsjord.clima.crc.pdf>. Springer. 2004, pp. 111–125.
- [3] Paul Bello, Selmer Bringsjord, and Yingrui Yang. “Cognitive architectures, rationality, and next-generation AI: a prolegomenon”. In: *Enabling Technologies for Simulation Science VIII*. Vol. 5423. Available at <https://doi.org/10.1117/12.542775>. International Society for Optics and Photonics. 2004, pp. 100–109.
- [4] Selmer Bringsjord and Bettina Schimanski. “Pulling it all together via psychometric AI”. In: *Proceedings of the 2004 Fall Symposium: Achieving Human-Level Intelligence through Integrated Systems and Research*, Menlo Park, CA. Available at <https://www.aaai.org/Papers/Symposia/Fall/2004/FS-04-01/FS04-01-002.pdf>. 2004, pp. 9–16.

2003

- [1] Paul Bello and Selmer Bringsjord. “HILBERT & PATRIC: Hybrid Intelligent Agent Technology for Teaching Context-Independent Reasoning.” In: *Educational Technology & Society* 6.3 (2003). Available at http://elibrary.lt/resursai/Uzsienio%20leidiniai/IEEE/English/2006/Volume%206/Issue%203/Jets_v6i3.pdf#page=36, pp. 30–42.
- [2] Selmer Bringsjord and Bettina Schimanski. “What is artificial intelligence? Psychometric AI as an answer”. In: *Proceedings of the 18th International Joint Conference on Artificial Intelligence (IJCAI-03)*. Available at <http://kryten.mm.rpi.edu/scb.bs.pai.ijcai03.pdf>. 2003, pp. 887–893.