

Course #	Course Title	Text/Ref.	Call #	Title	Author / Editor	Publisher	Note
K121	Introduction to Cognitive Science	Ref.	404 / N	Methods of Science (in Japanese) → 科学の方法	Ukichiro Nakaya	Iwanami Shoten, 1958	
		Ref.	C51.4/ S	Cognitive Science as Literacy (in Japanese) → 教養としての認知科学	Hiroaki Suzuki	University of Tokyo Press, 2016	
		Ref.	C51.4/ M	Graphic - Cognitive Psychology (in Japanese) → グラフィック認知心理学	T. Mori, T. Inoue, T. Matsui	Saiensu-sha, 1995	
		Ref.	141.5/ H	Introduction to Cognitive Psychology (in Japanese) → 基礎から学ぶ認知心理学	M. Hattori, H. Kojima, S. Kitagami	Yuhikaku, 2015	
K214	Methodology for Knowledge Media	Ref.	C46.2/ R	Getting Started with Processing [2nd ed.]	Casey Reas, Ben Fry	Maker Media, 2015	
K236EJ	Basis of Data Analytics (EJ)	Ref.	C51.3/ M	Machine Learning	Mitchell, T.	McGraw Hill, 1997	
		Ref.	C43.1/ D	データマイニングの基礎	元田 浩、津本 周作、山口 高平、沼尾 正行 共著	オーム社, 2006	
		Ref.	412.5/ J	Statistics Principles and Methods [6th ed.]	Johnson R.A., Bhattacharyya G.K.	John Wiley & Sons, Inc.2010	
		Ref.	C43.1/ H	Data Mining: Concepts and Techniques [3rd ed.]	Han, J., Kamber, M. and Pei, J.	Morgan Kaufmann, 2012	Only available from JAIST network http://www.sciencedirect.com/science/book/9780123814791
		Ref.	C43.1/ E	分析者のためのデータ解釈学入門 データの本質をとらえる技術	江崎貴裕 著	ソシム, 2020	
K469	Knowledge Creation Support Media	Ref.	C51.6/ N	Things That Make Us Smart : Defending Human Attributes In The Age of The Machine	D.A. Norman	Addison-Wesley Pub. Co., 1993	
		Ref.	141/ C	Flow : The Psychology of Optimal Experience	Mihaly Csikszentmihalyi	Harper Perennial Modern Classics, 2008	
		Ref.	C51.6/ S	Leonardo's Laptop: Human Needs and the New Computing Technologies	Ben Shneiderman	The MIT press, 2003	
		Ref.	C51.6/ F	Persuasive Technology : Using Computers to Change What We Think and Do (The Morgan Kaufmann series in Interactive Technologies)	B.J. Fogg	Morgan Kaufmann, 2003	Only available from JAIST network http://www.sciencedirect.com/science/book/9781558606432
		Ref.	C51.1/ H	創造活動支援の理論と応用 (知の科学)	堀浩一 (著)、人工知能学会 (編)	オーム社, 2007	
		Ref.	507.1/ S	セレンディピティの探求 その活用と重層性思考	澤泉重一、片井修 (著)	角川学芸出版, 2007	
		Ref.	C51.6/ F	不便益: 手間をかけるシステムのデザイン	川上浩司 (編著)	近代科学社, 2017	
K487	Network Science	Text	412.4/ H	Optimization in Complex Networks (in Japanese) → 複雑ネットワークにおける最適化	林幸雄	近代科学社, 2023	
		Ref.	412.7/ H	自己組織化する複雑ネットワーク	林幸雄 著	近代科学社, 2014	Only available from JAIST network https://elib.maruzen.co.jp/elib/html/BookDetail/Id/3000039291
		Ref.	412.4/ T	Pythonと複雑ネットワーク分析	林幸雄 編著	近代科学社, 2019	
		Ref.	361.3/ H	噂の拡がり方	林幸雄 著	化学同人, 2007	
		Ref.	141.5/ H	考える練習帳	細谷功著	ダイヤモンド社, 2017	
K495E	Development of Knowledge Science (E)	Ref.	-	Zhengyu Huang, Yichen Peng, Tomohiro Hibino, Chunqi Zhao, Haoran Xie, Tsukasa Fukusato, Kazunori Miyata. DualFace: Two-Stage Drawing Guidance for Freehand Portrait Sketching. Journal of Computational Visual Media, 2022, Vol 8, p.63-77			Available on the web https://link.springer.com/article/10.1007/s41095-021-0227-7
		Ref.	-	Haoran Xie, Zeyu Ding, Shogo Yoshida, Toby Chong, Takuma Torii and Tsukasa Fukusato. Augmenting Human with Compact Supernumerary Robotic Limbs. 13th Augmented Human International Conference (AH 2022), 2022, Article No.8			Only available from JAIST network https://doi.org/10.1145/3532525.3532531
		Ref.	-	Sara Brown. Andrew Ng. Why it's time for 'data-centric artificial intelligence', Ideas Made to Matter (Artificial Intelligence), 2022.			Available on the web https://mitsloan.mit.edu/ideas-made-to-matter/why-its-time-data-centric-artificial-intelligence
		Ref.	-	Nguyen, DN., Kino, H., Miyake, T. et al. Explainable active learning in investigating structure–stability of SmFe12- α - β X α Y β structures X, Y {Mo, Zn, Co, Cu, Ti, Al, Ga}. MRS Bulletin. 2023, 48, p31-44.			Available on the web https://doi.org/10.1557/s43577-022-00372-9
		Ref.	-	Pham, T.-L., Nguyen, D.-N., Ha, M.-Q., Kino, H., Miyake, T. & Dam, H.-C. Explainable machine learning for materials discovery: predicting the potentially formable Nd–Fe–B crystal structures and extracting the structure–stability relationship. IUCrJ. 2020, 7(6), p.1036-1047.			Available on the web https://doi.org/10.1107/S2052252520010088

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		Ref.	-	Javed, A., Javaid, A. and Kohda, Y. Knowledge Management Operational Strategy for Creating Shared Value. Proceedings of the QUIS17 : The 17th International Research Symposium on Service Excellence in Management Valencia, Spain, January 12-14 2022. Polytechnic University of Valencia (UPV), 2022, p.115-121			Available on the web https://quis17vlc.blogs.upv.es/proceedings-download/
		Ref.	-	Hamilton, W. D. The genetical evolution of social behaviour I, II. Journal of Theoretical Biology. 1964, 7(1), p.1-52.			Journal articles (N/A in JAIST Library)
		Ref.	-	Kurokawa, S. The role of generosity on the evolution of cooperation. Ecological Complexity. 2019, 40(Part A), 100778.			Only available from JAIST network https://doi.org/10.1016/j.ecocom.2019.100778
		Ref.	-	Kurokawa, S. Three-player repeated games with an opt-out option. Journal of Theoretical Biology. 2019, 480, p.13-22.			Only available from JAIST network https://doi.org/10.1016/j.itbi.2019.07.012
		Ref.	-	Kurokawa, S., Zheng, X., & Tao, Y. Cooperation evolves more when players keep the interaction with unknown players. Applied Mathematics and Computation. 2019, 350, p.209-216.			Only available from JAIST network https://doi.org/10.1016/j.amc.2018.12.043
		Ref.	-	Kurokawa, S. For whom is it more beneficial to stop interactions with defectors : cooperators or defectors? Ecological Complexity. 2021, 48, 100968			Available on the web https://doi.org/10.1016/j.ecocom.2021.100968
		Ref.	-	Kurokawa, S. Effect of the group size on the evolution of cooperation when an exit option is present. Journal of Theoretical Biology. 2021, 521, 110678			Available on the web https://doi.org/10.1016/j.jtbi.2021.110678
		Ref.	-	Kurokawa, S. Disbandment rule sways the evolution of tolerance. Applied Mathematics and Computation. 2021, 392, 125678			Only available from JAIST network https://doi.org/10.1016/j.amc.2020.125678
		Ref.	-	Kurokawa, S. Evolution of cooperation in an n-player game with opting out. Behavioural Processes. 2022, 203, 104754			Available on the web https://doi.org/10.1016/j.beproc.2022.104754
		Ref.	-	Kurokawa, S. Evolution of trustfulness in the case where resources for cooperation are sometimes absent. Theoretical Population Biology. 2022, 145, p.63-79			Available on the web https://doi.org/10.1016/j.tpb.2022.03.002
		Ref.	-	Nowak, M. A. Five rules for the evolution of cooperation. Science. 2006, 314(5805), 1560-1563.			Only available from JAIST network https://www.science.org/doi/10.1126/science.1133755