

Course #	Course Title	Text/Ref.	Call #	Title	Author / Editor	Publisher	Note
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., Pei J.	Morgan Kaufmann, 2012	Available as e-book https://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：Data hermeneutics	江崎貴裕 著	ソシム, 2020	
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: 超AI的な統計物理学アプローチ	林幸雄 著	近代科学社, 2023	On order
		Ref.	412.7 H	自己組織化する複雑ネットワーク：空間上の次世代ネットワークデザイン	林幸雄著	近代科学社, 2014	Available as e-book 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：関係性データからのアプローチ (ネットワーク科学の道具箱：2)	林幸雄編著	近代科学社, 2019	
		Ref.	361.3 H	噂の拡がり方：ネットワーク科学で世界を読み解く	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, p63-77.			Available as e-journal 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, Vol.8, p1-4.			Available as e-journal https://dl.acm.org/doi/10.1145/3532525.3532531
		Ref.	-	Sara Brown. Why it's time for 'data-centric artificial intelligence', MIT Sloan School of Management, 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 as e-journal 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 7, 2020, 7 (6), p1036-1047.			Available as e-journal https://journals.iucr.org/m/issues/2020/06/00/ym5018/index.html
		Ref.	-	Javed, A. and Kohda, Y. Knowledge Management Operational Strategy for Creating Shared Value, Paper presentation at QUIS17: The 17th International Research Symposium on Service Excellence in Management, Polytechnic University of Valencia (UPV), Valencia, Spain, 12-15 January 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), p1-52.			Journal articles (N/A in JAIST Library)
		Ref.	-	Kurokawa, S. The role of generosity on the evolution of cooperation, Ecological Complexity, 2019, 40(Pt. A), 100778.			Available as e-journal https://www.sciencedirect.com/science/article/pii/S1476945X19300297
		Ref.	-	Kurokawa, S. Three-player repeated games with an opt-out option, Journal of Theoretical Biology, 2019, 480, p13-22.			Available as e-journal https://www.sciencedirect.com/science/article/pii/S0022519319302899
		Ref.	-	Kurokawa, S. ; Zheng, X. ; Tao, Y. Cooperation evolves more when players keep the interaction with unknown players, Applied Mathematics and Computation, 2019, 350, p209-216.			Available as e-journal https://www.sciencedirect.com/science/article/pii/S0096300318311044
		Ref.	-	Kurokawa, S. For whom is it more beneficial to stop interactions with defectors: cooperators or defectors?, Ecological Complexity, 2021, 48, 100968			Available as e-journal https://www.sciencedirect.com/science/article/pii/S1476945X21000611
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 as e-journal https://www.sciencedirect.com/science/article/pii/S0022519321001004		

Course #	Course Title	Text/Ref.	Call #	Title	Author / Editor	Publisher	Note
		Ref.	-	Kurokawa, S. Disbandment rule sways the evolution of tolerance, Applied Mathematics and Computation, 2021, 392, 125678.			Available as e-journal https://www.sciencedirect.com/science/article/pii/S0096300320306317
		Ref.	-	Kurokawa, S. Evolution of cooperation in an n-player game with opting out, Behavioural Processes, 2022, 203, 104754.			Available as e-journal https://www.sciencedirect.com/science/article/pii/S0376635722001711
		Ref.	-	Kurokawa, S. Evolution of trustfulness in the case where resources for cooperation are sometimes absent, Theoretical Population Biology, 2022, 145, p63-79.			Available as e-journal https://www.sciencedirect.com/science/article/pii/S0040580922000235
		Ref.	-	Nowak, M. A. Five rules for the evolution of cooperation, Science, 2006, 314 (5805), p1560-1563.			Available as e-journal https://www.science.org/doi/10.1126/science.1133755
		Ref.	-	Zhang, B-Y. ; Fan, S-J. ; Li, C. ; Zheng, X-D. ; Bao, J-Z. ; Cressman, R. ; Tao, Y. Opting out against defection leads to stable coexistence with cooperation, Scientific Reports, 2016, 6, 35902.			Available as e-journal https://link.springer.com/article/10.1038/srep35902
		Ref.	-	Wang T-Y ; Sato Y ; Otsuki M ; Kuzuoka H ; Suzuki Y. Effect of Body Representation Level of an Avatar on Quality of AR-Based Remote Instruction, Multimodal Technologies and Interaction, 2020, 4(1), 3.			Available as e-journal https://doi.org/10.3390/mti4010003
K613E	Social-Technical Complex Systems (E)	Ref.	-	K.W. Hipel ; M.M. Jamshidi ; J.M. Tien ; C.C. White. The future of systems, man, and cybernetics: Application domains and research methods, IEEE Transactions on Systems, Man, and Cybernetics-Part C: Applications and Reviews, 2007, 37(5), p726-743.			Available as e-journal https://ieeexplore.ieee.org/abstract/document/4292249
		Ref.	-	J.M. Tien. Toward a decision informatics paradigm: A real-time, information-based approach to decision making, IEEE Transactions on Systems, Man, and Cybernetics-Part C: Applications and Reviews, 2003, 33 (1) p102-113.			Available as e-journal https://ieeexplore.ieee.org/document/1193065
		Ref.	C61.1 M	Complex Adaptive Systems : An Introduction to Computational Models of Social Life	J.H. Miller, S.E. Page	Princeton University Press, 2007	
		Ref.	C51.6 E	Evaluation and Decision Models : A Critical Perspective	D. Bouyssou, T. Marchant, M. Pirlot, P. Perny, A. Tsoukias, P. Vincke	Kluwer Academic Publishers, 2000	