

DAFTAR PUSTAKA

- Bellifemine, F., Caire, G., Greenwood, D., 2007, *Developing Multi-Agent Systems with JADE*, John Wiley & Sons Ltd, England
- Bordini, R.H., Hübner, J.F., Wooldridge, M., 2007, *Programming Multi-Agent Systems In Agent Speak using Jason*, John Wiley & Sons Ltd, England
- Braun, A., Bodmann, B.E.J., Soraia R. Musse, S.R., 2005, Simulating Virtual Crowds in Emergency Situations, *ACM Symposium on VRST'05*, November 7–9, 2005, Monterey, California, USA, ACM
- Cambridge, 2013, <http://dictionary.cambridge.org/us/dictionary/english/>
- Chung, C.A., 2004, *Simulation Modeling Handbook : A Practical Approach*, CRC Press, Boca Raton, Florida
- d'Inverno, M. dan Luck, M., 1996, Understanding Autonomous Interaction, *ECAI 12th European Conference on Artificial Intelligence*, Edited by W. Wahlster, John Wiley & Sons, Ltd.
- Franklin, S. dan Graesser, A., 1996, Is it an Agent, or just a Program?: A Taxonomy for Autonomous Agents, *Proceedings of the Third International Workshop on Agent Theories, Architectures, and Languages*, Springer-Verlag, 1996.
- Garrido, J.M., 2009, *Object Oriented Simulation, A Modeling and Programming Perspective*, Springer, New York
- Hart, P.E., Nilsson, N.J dan Raphael B., 1968, A Formal Basis the Heuristic Determination of Minimum Cost Paths, *IEEE Transactions of Systems Science and Cybernetics*, Vol. SSC-4 No. 2, July 1968
- Jennings, N.R., Sycara, K., Wooldridge, M., 1998, *A Roadmap of Agent Research and Development. In Autonomous Agents and MultiAgent Systems*, 1, 275-306, Kluwer Academic Publishers, Boston.
- KBBI, 2013, <http://kbbi.web.id/>
- Kim, S., Hoffman, C., Lee, J.M., 2009, An Experiment in Rule-based Crowd Behaviour for Intelligent Games, *Fourth International conference on Computer Sciences and Convergence Information Technology*, IEEE 2009, p. 410
- Kwon, T., Cho, Y.S., Park, S.O., dan Shi, S.Y., 2008, Two-Character Motion Analysis and Synthesis, *IEEE Transactions On Visualization And Computer Graphics*, Vol. 14, No. 3, May/June, p. 707-719

- Lankoski, P., 2010, *Character-Driven Game Design, A Design Approach and Its Foundations in Character Engangement*, WS Bookwell Ltd., Jyväskylä, Finland
- Mandel, MJ, 2004, *Versatile and Interactive Virtual Humans:Hybrid use of Data-Driven andDynamics-Based Motion Synthesis*, *Disertasi*, Carnegie Mellon University, Pittsburgh, PA
- Maria, A., (1997), *Introduction to modeling and simulation*. In *Proceedings of the 29th conference on winter simulation*, Publisher: IEEE Computer
- Michoud, B., Guillou, E., Briceno, H.,dan Bouakaz, S.,2007, *Real-Time and Marker-Free 3D Motion Capture for Home Entertainment Oriented Applications*, *ACCV'07 Proceedings of the 8th Asian conference on Computer vision – Volume Part I*, Pages 678-687, Springer-Verlag Berlin, Heidelberg
- Millington, I., 2006, *Artificial Intelligence For Games*, Elsevier Inc, San Francisco
- Musse, S.R.dan Thalmann, D., 2001, *Hierarchical Model for Real Time Simulation of Virtual Human Crowds*, *IEEE Transactions on Visualization and Computer Graphics* 2001
- Odum, H.T. dan Odum, E.C., 2000, *Modeling For All Scales, An Introduction To System Simulation*, Academic Press, California USA, ISBN: 0125241704
- Oxforddictionaries, 2013,<https://en.oxforddictionaries.com/definition/>
- Parent, R., Ebert, D.S., Gould,D.A.D., Gross, M., Kazmier, C., Keiser, R.,Lumsden, C.J., Menache, A, Fischer, M.M., Musgrave, F.K., Pauly, M., Peachey, D., Perlin, K., Pfister, H., Sharpe, J., Wicke, M., Wilkins, W.E., Woolridge, N., Worley, S., , 2010, *Computer Animation Complete*, Elsevier Inc, Burlington, MA 01803, USA
- Pelechano, N., Allbeck, J.M. ,danBadler, N.I., 2007, *Controlling Individual Agents in High-Density Crowd Simulation*, *ACM SIGGRAPH Symposium on Computer Animation 2007*, San Diego, CA, August 03-04, pp 99-108
- Pelechano, N., Allbeck, J.M.,dan Badler, N.I., 2008,*Virtual Crowds: Methods, Simulation, and Control*,Morgan & Claypool
- Reynolds, C., 1987, *Flocks, Herds, and Schools: A Distributed Behavior Model*, *Proceedings of ACM SIGGRAPH 87 (July 1987)*, Annual Conference Series, ACM SIGGRAPH
- Russell, S.J., dan Norvig, P. (2003). *Artificial Intelligence: A Modern Approach*, Prentice Hall, 2nd edition.

- Saboia, P. dan Goldenstein, S., 2011, Crowd Simulation: Improving Pedestrians Dynamics by the Application of Lattice-Gas, Concepts to the Social Force Model, *24th Conference on Graphics, Patterns and Images*, Crown Copyright, p 41-47
- Sargent, R.G., 2011, Verification and validation of simulation models, *Proceedings of the 2011 Winter Simulation Conference*, Publisher: IEEE Computer
- Sheikh, A.A.R.E., Ajeeli, A.A., Taleh, E.M.O.A.T., 2008, *Simulation and Modeling: Current Technologies and Applications*, IGI Global, Hershey, USA
- Shum, H.P.H., 2010, Simulating Interactions Among Multiple Characters, *Disertasi*, University of Edinburgh, 2010
- Shum, H.P.H., Komura, T., dan Yamazaki, 2012, Simulating Multiple Character Interactions with Collaborative and Adversarial Goals, *IEEE, Transactions On Visualization and Computer Graphics*, May 2012 (vol. 18 no. 5) pp. 741-752
- Shum, H.P.H., Komura, T., dan Yamazaki, S., 2007, Simulating Competitive Interactions Using Singly Captured Motions, *Proceedings of ACM Virtual Reality Software Technology 2007*, 65–72.
- Shum, H.P.H., Komura, T., dan Yamazaki, S., 2008a, Simulating Interactions Of Avatars In High Dimensional State Space. *Proc of 2008 Symp on Interactive 3D Graphics*, 131–138
- Shum, H.P.H., Komura, T., Shiraishi, M., Yamazaki, S. 2008b. Interaction Patches for Multi-Character Animation. *ACM Transactions on Graphics*, Vol. 27, No. 5, Article 114, Publication date: December, 8 pages.
- Sung, M., Gleicher, M., Chenney, S., 2004, Scalable Behaviors For Crowd Simulation, *EUROGRAPHICS 2004 Volume 23 (2004), Number 3*
- Thalmann, D., dan Musse, S.R., Kalmann, M., 2000, *From Individual Human Agents to Crowds*, Informatik • Informatique 1/2000, p 6-11
- Thalmann, D., dan Musse, S.R., 2007, *Crowd Simulation*, Springer-Verlag, London
- Thalmann, D., 2000. Individual and Group Behaviours for Virtual Humans, *IEEE-2000(invited paper)*, 122-124
- Tu, X., dan Terzopoulos, D, 1994, Artificial Fishes: Physics, Locomotion, Perception, Behavior, *Proceedings of ACM SIGGRAPH*, (1994), 43-50.
- Vlassis, N., 2007, *A Concise Introduction to Multiagent Systems and Distributed Artificial Intelligence*, Morgan & Claypool



Weiss, G. 1999. *A Modern Approach to Distributed Modern Approach to Artificial Intelligence*. The MIT Press. London, England

Won, J., Lee, K. O'Sullivan, C. Hodgins, J. K., Lee, J. , 2014, Generating and Ranking Diverse Multi-Character Interactions, *ACM Transactions on Graphics (TOG) - Proceedings of ACM SIGGRAPH Asia 2014*, Volume 33 Issue 6, November 2014, Article No. 219, doi: 10.1145/2661229.2661271