DAFTAR PUSTAKA

Balcerak, S., Chisholm, Y., & Shelby, C. (2017). A Computational Analysis of the Quadratic Weighted Assignment of Bird Flocks in North Carolina. *University of North Carolina Wilmington Department of Computer Science*.

Benes, B., & Hartman, C. (2006). Autonomous Boids . *Department of Computer Graphics, Purdue University, Knoy Hall of Technology*.

Bourg, D. M., & Seemann, G. (2004). *AI for Game Developers 1 edition.* O'Reilly Media; .

Braga, R. G., da Silva, R. C., & Ramos, A. C. (2018). Collision Avoidance Based on Reynolds Rules: A Case Study Using Quadrotors. *Institute of Mathematics and Computer Science, Federal University of Itajuba, Itajuba, MG, Brazil* .

Buckland, M. (2005). *Programming Game AI by Example.* 2320 Los Rios Boulevard, Plano, Texas 75074: Wordware Publishing, Inc.

client-side JS platform JavaScript library for Processing. (2020, Januari 13). Retrieved from P5.js Team: http://p5js.org/

Dewi, M., Hariadi, M., & Purnomo, M. H. (2011). Simulating The Movement Of The Crowd In An Environment Using Flocking. *Department of Electronics Engineering, Institut Teknologi Sepuluh Nopember Surabaya, Indonesia*.

Harefa, D. R., & Ismiati, M. B. (2019). Penerapan Algoritma Boids Pada NPC (NON-PLAYER CHARACTER) Dalam Game Menembak Burung. *Program Studi Teknik Informatika dan Sistem Informasi, Fakultas Sains dan Teknologi, Universitas Katolik Musi Charitas Palembang*.

Hauert, S., Zufferey, J. C., & Floreano, D. (2007). Evolved swarming without positioning information: an application in aerial communication relay. *Laboratory of Intelligent Systems, Ecole Polytechnique Fédérale de Lausanne (EPFL-STI-IMT-LIS), Station 11, 1015 Lausanne, Switzerland.*

Hong, J. H., & Cho, S. B. (2005). Evolving reactive NPCs for the real-time simulation game. 86-93.

Horia, M. Z., Leon, F., Pal, C., & Pagu, G. (2009). Agent-Based Simulation of Crowd Evacuation Behavior. *Faculty of Automatic Control and Computer Engineering "Gheorghe Asachi" Technical University of Iaşi.*

Husselmann, A. V., & Hawick, K. A. (2011). Simulating Species Interactions and Complex Emergence in Multiple Flocks of Boids with GPUs. *Computer Science, Institute for Information and Mathematical Sciences, Massey University, North Shore, Auckland, New Zealand.*

Kim, C.-H., Jeong, S.-M., Hur, G.-T., & Kim, B.-G. (2006). Verification of FSM using Attributes Definition of NPCs Models. *IJCSNS International Journal of Computer Science and Network Security, VOL.6 No.7A.*

Millington, I., & Funge, J. (2009). *Artificial Intelligence for Games 2nd Edition.* 30 Corporate Drive, Suite 400, Burlington, MA 01803, USA: Morgan Kaufmann Publishers.

Mototake, Y., & Ikegami, T. (2015). A Simulation Study of Large Scale Swarms. *School of Arts and Sciences, The University of Tokyo, Tokyo, Japan.*

OBS Free and Open Source Video and live Streaming Recording application. (2020, Januari 13). Retrieved from OBS TEAM: https://obsproject.com/

Parent, R. (2001). *Computer Animation: Algorithms and Techniques (The Morgan Kaufmann Series in Computer Graphics).* 340 Pine Street, Sixth Floor, San Francisco, CA 94104-3205, USA: Morgan Kaufmann Publishers.

Ramos, R. P., Oliveira, S. M., Vieira, S. M., & Christensen, A. L. (2019). Evolving flocking in embodied agents based on local and global application of Reynolds' rules. *Instituto Superior Te´cnico (IST), Lisbon, Instituto de Telecomunicac¸ões, Lisbon, Portugal, Embodied Systems for Robotics and Learning at the Mærsk Mc-Kinney Møller Institute, University of Southern Denmark (SDU), Odense, Denmark.*

Reynold, C. W. (1987). Flocks Herds, and Schools: A Distributed Behavioral Model. *Symbolics Graphics Division,1401 Westwood Boulevard, Los Angeles, California 90024 - Computer Graphics*, Computer Graphics, Volume 21 no. 4 Page 25-34.

Reynolds, C. W. (1999). Steering Behaviors For Autonomous Characters. *Sony Computer Entertainment America*, GDC 1999 Page 763-782.

Saber, R. O., & Murray, R. M. (2003). Flocking with Obstacle Avoidance: Cooperation with Limited Information in Mobile Networks. *Control and Dynamical Systems California Institute of Technology.*

Sommerville, I. (2010). *Software Engineering (9th Edition).* Pearson; 9 edition.

Sua, H., Wanga, X., & Chenb, G. (2008). A connectivity-preserving flocking algorithm for multi-agent systems based only on position measurements. *Department of Automation, Shanghai Jiao Tong University, Shanghai, China; Department of Electronic Engineering, City University of HongKong, Hong Kong, China.*