DAFTAR PUSTAKA

Becker, J., 1980, Traditional Music in Modern Java: Gamelan in a Changing Society, University of Hawai'i Press. DOI:10.2307/j.ctv9zcjt8.

Becker, J. dan Becker, A., 1982, A Grammar of the Musical Genre Srepegan, *Asian Music*, Vol. 14, No. 1, pp. 30-73. DOI: 10.2307/834043.

Bretan, M., Weinberg, G. dan Heck, L., 2016, *A Unit Selection Methodology for Music Generation Using Deep Neural Networks*, arXiv:1612.03789v1 [cs.SD].

Briot, J.P., Hadjeres, G., dan Pachet, F., 2017, *Deep Learning Techniques for Music Generation-A Survey*, <hal-01660772>.

Briot, J.P., 2020, From Artificial Neural Networks to Deep Learning for Music Generation: History, Concepts and Trends, *Neural Computing and Applications* (2020). DOI: 10.1007/s00521-020-05399-0.

Carsault, T., Nika, J. dan Esling, P., 2018, *Using Musical Relationships between Chords Label in Automatic Chord Extraction Task*, The 19th International Society for Music Information Retrieval Conference, Paris, France, pp.18-25.

Cho, T., Weiss, R.J. dan Bello, J.P., 2010, *Exploring Common Variations in State of the Art Chord Recognition Systems*, Proceedings of the 7th Sound and Music Computing Conference (SMC), Barcelona, Spain, pp. 1–8.

Choi, K., Fazekas, G. dan Sandler, M., 2016, *Text-based LSTM networks for Automatic Music Composition*. arXiv:1604.05358 [cs.AI].

Clark, N.A., Heflin, T., Kluball, J. dan Kramer, E., 2015, Understanding Music: Past and Present, University System of Georgia, University Press of North Georgia. ISBN: 978-1-940771-33-5.

Colombo, F., Muscinelli, S.P., Seeholzer, A., Brea, J. dan Gerstner, W., 2016, *Algorithmic Composition of Melodies with Deep Recurrent Neural Networks*, Proceedings of 1st Conference on Computer Simulation of Musical Creativity, University of Huddersfield, Inggris, pp. 1-12. DOI: 10.13140/RG.2.1.2436.5683.

Cope, D., 1989, Experiments in Musical Intelligence, *Interface*, Vol. 18.

Dolson, M., 1989, Machine Tongues XII: Introduction to Neural Nets, *Computer Music Journal*, Vol. 13, No 3, pp. 28-40. DOI: 10.2307/3680009.

Dong, H.W., Hsiao, W.Y., Yang, L.C. dan Yang, Y.H., 2018, *MuseGAN: Multi-track Sequential Generative Adversarial Networks for Symbolic Music Generation and Accompaniment*, The 32nd AAAI Conference on Artificaial Intelligence, New Orleans, Lousiana, Amerika, pp. 34-41.

Doush, I.A. dan Sawalha, A., 2020, Automatic Music Composition using Genetic Algorithm and Artificial Neural Networks, *Malaysian Journal of Computer Science*, Vol. 33, No. 1, pp. 35-51. DOI: 10.22452/mjcs.vol33no1.3.

Downie, J.S., 2003, *Music information retrieval*, Annual Review of Information Science and Technology 37, pp. 295-340.

Dwarampudi, M. dan Reddy, N.V.S., 2019, *Effects of Padding on LSTMS and CNNS*, arXiv:1903.07288 [cs.LG].

Eedi, H., 2019, Artificial Music Generation using LSTM Networks, *International Journal of Engineering and Advanced Technology*, Vol. 9, Issue 2, pp. 4315-4319. DOI: 10.35940/ijeat.B4522.129219.

Efrosinin, D. dan Sturm, V., 2019, *Time Series Segmentation of Linear Stochastic Processes for Anomaly Detection Problem using Supervised Methods*, Proceedings of the 56th ESReDA Seminar, Linz, Austria, pp. 1-11.

Eigenfeldt, A. dan Pasquier, P., 2010, *Realtime Generation of Harmonic Progressions Using Controlled Markov Selection*, Proceedings of the First International Conference on Computational Creativity, Lisbon, Portugal, pp. 16-25.

Engel, J., Agrawal, K.K., Chen, S., Gulrajani, I., Donahue, C., dan Roberts, A., *GANSynth: Adversarial Neural Audio Synthesi*, International Conference on Learning Representations 2019, Mountain View, CA 94043, USA, pp. 1-5.

Fernandes, J.D., dan Vico, F., 2013, AI Methods in Algoritmic Composition: A Comprehensive Survey, *Journal of Artificial Intelligence Research* Vol. 48, No. 1, pp. 513-582.

Ghojogh, B., Samad, M.N., Mashhadi, S.A., Kapoor, T., Ali, W., Karray, F. dan Crowley, M., 2019, *Feature Selection and Feature Extraction in Pattern Analysis: A Literature Review*. arXiv:1905.02845 [cs.LG].

Goodfellow, I., Bengio, Y. dan Courville, A., 2016, *Deep Learning*, www.deeplearningbook.org.

Goodfellow, I., Pouget-Abadie, J., Mirza, M., Xu, B., Warde-Farley, D., Ozair, S., Courville, A., dan Bengio, Y., *Generative adversarial nets*, Neural Information Processing Systems 2014, Montréal Canada, pp. 2672–2680.

Hastanto, S., 1985, *The concept of Pathet in Central Javanese Gamelan Music*, Durham theses, Durham University. Available at Durham E-Theses Online: http://etheses.dur.ac.uk/1214/

Hastuti, K., Azhari, A., Musdholifah, A. dan Supanggah, R., 2016, Building Melodic Feature Knowledge of Gamelan Music Using Apriori Based on Functions in Sequence (AFiS) Algorithm, *International Review on Computers and Software*, Vol 11, No 12, pp. 1127-1137. DOI: 10.15866/irecos.v11i12.10841.

Hastuti, K., Azhari, A., Musdholifah, A. dan Supanggah, R., 2017, Rule-Based and Genetic Algorithm for Automatic Gamelan Music Composition, *International Review on Modelling and Simulations*, Vol 10, No 3, pp. 202-212. DOI: 10.15866/iremos.v10i3.11479

Hastuti, K., Andono, P.N., Shidik, G.F., Noersasongko, E. dan Syarif, A.M., 2020, Gamelan Composer: a Rule-Based Interactive Melody Generator for Gamelan Music, *International Journal on Engineering Applications*, Vol 8, No 4, pp. 148-157. DOI: 10.15866/irea.v8i4.19356.

Hild, H., Feulner, J. dan Menzel, W., 1991, *HARMONET: A Neural Net for Harmonizing Chorales in the Style of J.S. Bach*, Proceedings of Advances in Neural Information Processing Systems 4, Denver, Colorado, Amerika, pp. 268-274.

Hiller Jr, L.A. dan Isaacson, L.M., 1979, Experimental Music; Composition with An Electronic Computer, McGraw-Hill Book Company, ISBN: 978-0-313-22158-3.

Hota, H.S., Handa, R. dan Shrivas A.K., 2017, Time Series Data Prediction using Sliding Window based RBF Neural Network, *International Journal of Computational Intelligence Research*, Vol. 13, No. 5, pp. 1145-1156.

Huang, Y., Huang, X., dan Cai, Q., 2018, Music Generation Based on Convolution-LSTM, *Computer and Information Science*, Vol. 11, No. 3, pp. 50-56. DOI: 10,5539/cis.v11n3p50.

Hughes, D.W., 1988, Deep Structure and Surface Structure in Javanese Music: A Grammar of Gendhing Lampah, *Ethnomusicology*, Vol. 32, No. 1, pp. 23-74. DOI: 10.2307/852225.

Ishida, N., 2008, The Textures of Central Javanese Gamelan Music: Pre-Notation and Its Discontents, *Bijdragen Tot De Taal-*, Land- En Volkenkunde, Vol. 164, No. 4, 475-499.

Jones, C.S., dan Jones, R., 2007, *Understanding Basic Music Theory*, Connexions, Rice University, Houston, Texas.

Kang, S., Ok, S.Y. dan Kang, Y.M., 2012, Automatic Music Generation and Machine Learning Based Evaluation. dalam: Wang F.L., Lei J., Lau R.W.H., Zhang J. (eds) Multimedia and Signal Processing. CMSP 2012. Communications in Computer and Information Science, vol 346. Springer, pp. 436-443. DOI: 10.1007/978-3-642-35286-7_55.

Keith, S., 2010, *Bridging the gap: Thoughts on computer music and contemporary (popular) electronic music*, Proceedings of the 2010 Australasian Computer Music Conference, pp.37-42.

Kitani, K.M. dan Koike, H., 2010, *ImprovGenerator: Online grammatical induction for on-the-fly improvisation accompaniment*, Proceedings of the 2010 Conference on New Interfaces for Musical Expression (NIME 2010), Oslo, Norwegia, pp. 469-472.

Korzeniowski, F. dan Widmer, G., 2016, *Improved Chord Recognition by Combining Duration and Harmonic Language Model*, The 19th International Society for Music Information Retrieval Conference, Malaga, Spain, pp. 10-17.

Kurniawati, A., Suprapto, Y.K. dan Yuniarno, E.M., 2020, *Multilayer Perceptron for Symbolic Indonesian Music Generation*, International Seminar on Intelligent Technology and Its Applications, Institut Teknologi Sepuluh November, Surabaya, pp. 228-233. DOI: 10.1109/ISITIA49792.2020.9163723.

Kusumawati, H., 2004, Penyimpangan pada Penulisan Lagu Populer, *Imaji*, Vol.2, No.1.

Lewandowski, N.B., Bengio, Y. dan Vincent, P., 2012, *Modeling Temporal Dependencies in High-Dimensional Sequences: Application to Polyphonic Music Generation and Transcription*, Proceedings of the 29th International Conference on Machine Learning, Edinburgh, Skotlandia, pp. 1881–1888.

Liang, F., Gotham, M., Johnson, M. dan Shotton, J., 2017, *Automatic Stylistic Composition of Bach Chorales with Deep LSTM*, The 18th International Society for Music Information Retrieval Conference, National University of Singapore, Singapura, pp. 449-456.

Makris D., Kaliakatsos-Papakostas M., Karydis I. dan Kermanidis, K.L., 2017, *Combining LSTM and Feed Forward Neural Networks for Conditional Rhythm Composition*. dalam: Boracchi G., Iliadis L., Jayne C., Likas A. (eds) Engineering Applications of Neural Networks. EANN 2017. Communications in Computer and Information Science, vol 744. Springer, Cham, pp. 570-582. DOI: 10.1007/978-3-319-65172-9_48.

Mangal, S., Modak, R. dan Joshi, P., 2019, LSTM Based Music Generation System, *International Advanced Research Journal in Science, Engineering and Technology*, Vol. 6, Issue 5, pp. 47-54. DOI: 10.17148/IARJSET.2019.6508.

Manzelli, R., Thakkar, V. dan Kulis, A.S.B., 2018, *Conditioning Deep Generative Raw Audio Models for Structured Automatic Music*, 2018, The 19th International Society for Music Information Retrieval Conference, Paris, Prancis, pp. 182-189.

Martopangrawit, 1972, Pengetahuan Karawitan II, ASKI, Surakarta.

Miranda, E.R., 2004, Composing Music with Computers, Focal Press. ISBN-13: 978-0240515670

Mukherjee, H., Dhar, A., Ghosh, M., Obaidullah, Sk.Md., Santosh, K.C., Phadikar, S. dan Roy, K., 2020. Music Chord Inversion Shape Identification with LSTM-RNN. *Procedia Computer Science,* 167 (2020), pp. 607-615.

Nierhaus, G., 2009, Algorithmic Composition: Paradigms of Automated Music Generation, Springer Wien. ISBN 978-3-211-75540-2.

Osmalskyj, J., Embrechts, J.J., Piérard, S. dan Droogenbroeck, M.V., 2012. *Neural Networks for Musical Chord Recognition*, Actes des Journées d'Informatique Musicale (JIM 2012), Belgia, pp. 39-46.

Pachet, F., 2016, A Joyful Ode to Automatic Orchestration, *ACM Transactions on Intelligent Systems and Technology*, Vol. 8, No. 2, pp. 18:1-18:13. DOI: 10.1145/2897738.

Pachet, F. dan Roy-Markov, P., 2011, Markov constraints: steerable generation of Markov sequences, *Constraints*, Vol. 16, pp. 148-172. DOI: 10.1007/s10601-010-9101-4.

Park, J., Choi, K., Jeon, S., Kim, D. dan Park, J., 2019. *A Bi-directional Transformer for Musical Chord Recognition*, The 20th International Society for Music Information Retrieval Conference, Delft, Netherlands, pp. 620-627.

Pauwels, J., O'Hanlon, K., Gómez, E., Sandler, M.B., 2019, *20 Years of Automatic Chord Recognition from Audio*, The 20th International Society for Music Information Retrieval Conference, Delft, Netherlands, pp. 54-63.

Perlman, M., 2004, Unplayed Melodies: Javanese Gamelan and the Genesis of Music Theory, University of California Press.

Prasetya, M.D. dan Munir, R., 2015, *Artificial Neural Network Application on Determining Chord Composition for Melody Accompaniment*, Konferensi Nasional Informatika 2015 Institut Teknologi Bandung, pp. 56-60.

Quick, D. dan Hudak, P., 2013, *Grammar-Based Automated Music Composition in Haskell*, FARM '13: Proceedings of the first ACM SIGPLAN Workshop on Functional Art, Music, Modeling & Design, pp. 59-70. DOI: 10.1145/2505341.2505345

Quick, D., 2015, *Composing with Kulitta*, International Computer Music Conference, Vol. 2015, pp. 306-309.

Rani, P.S., Praneeth, S.V., Reddy, V.R.K. dan Sathish, M.J., 2020, *Music Generation using Deep Learning*, International Research Journal of Engineering and Technology, Vol. 7, Issu. 3, pp. 4937-4939.

Raja, B., Vignesh, G., Sandhya, G., Roopa, V. dan Sampeter, S., 2020, LSTM based approach for Generating Music from MIDI notes. *International Journal of Advanced Science and Technology*, Vol. 29, No. 9s, pp. 2745-2752.

Rao, Z., Guan, X. dan Teng, J., 2016, Chord Recognition Based on Temporal Correlation Support Vector Machine. *Applied Science*, Vol. 6, No. 5, pp. 1-14. DOI: 10.3390/app6050157.

Royal, B., Hua, K. dan Zhang, B., 2020, *Deep Composer: Deep Neural Hashing and Retrieval Approach to Automatic Music Generation*, 2020 IEEE International Conference on Multimedia and Expo (ICME), pp. 1-6, DOI: 10.1109/ICME46284.2020.9102815.

Setiawan, A., 2012, Diyat Sariredjo: Pandangan dan Konsep Pemikirannya, Dewa Ruci, Vol. 8 No. 1, 18-37.

Skoki, A., Ljubic, S., Lerga, J. dan Štajduhar, I., 2019, Automatic music transcription for traditional woodwind instruments sopele, *Pattern Recognition Letters*, Vol. 128, pp. 340-347. DOI: 10.1016/j.patrec.2019.09.024.

Stein, L., 1979, Structure & Style the Study and Analysis of Musical Forms, Summy-Birchard Music, Evanston, Illinois.

Sukisno, 2018, Penciptaan pada Tundha Rinumpaka, *Imaji*, Vol. 16, No. 1, 84 – 91.

Supanggah, R., 2007, Bothekan Karawitan II: Garap, *ISI Press*, Surakarta.

Surjodiningrat, W., Khandelwal V.K., dan Soesianto, F, 1977, Gamelan dan Komputer: Analisa Patet dan Komposisi Gending Jawa Laras Slendro, *Universitas Gadjah Mada*, Pusat Komputer.

Svegliato, J. dan Witty, S., 2016, *Deep Jammer: A Music Generation Model*, www.semanticscholar.org.

Syarif, A. M., Azhari, A., Suprapto, S., & Hastuti, K. (2020). *A Model of Computation-based Naming System for Musical Elements of Java Traditional Song*, IOP Conference Series: Materials Science and Engineering. 803 012031.

Syarif, A. M., Azhari, A., Suprapto, S., & Hastuti, K. (2020). Human and Computation-based Music Representation for Gamelan Music. *Malaysian Journal of Music*, 9, 82-100. https://doi.org/10.37134/mjm.vol9.7.2020.

Todd, P.M., 1989, A Connectionist Approach to Algorithmic Composition, *Computer Music Journal*, Vol. 13, No. 4, pp. 27-43. DOI: 10.2307/3679551.

Trueman, D., Why a Laptop Orchestra?, 2007, *Organised Sound,* 12(2), pp. 171–179 DOI: 10.1017/S135577180700180X

Volchenkov, D., dan Dawin, J.R., 2012, *Musical Markov Chains*, International Conference on Statistical Physics (SigmaPhi2011) International Journal of Modern Physics: Conference Series Vol. 16.

Walder, C., 2016, *Modelling Symbolic Music: Beyond the Piano Roll*, JMLR Workshop and Conference Proceedings, pp. 174-189.

Wu, J., Liu, X., Hu, X. dan Zhu, J., 2020, *PopMNet:* Generating Structured Pop Music Melodies using Neural Networks*, Artificial Intelligence*, Vol. 286, 2020, 103303, pp. 1-15. DOI: 10.1016/j.artint.2020.103303.

Xenakis, I., 1992, Formalized Music: Thought and Mathematics in Composition, Pendragon Press, New York.

Yan, Y., Lustig, E., VanderStel, J. dan Duan, Z., 2018, *Part-Invariant Model for Music Generation and Harmonization*. The 18th International Society for Music Information Retrieval Conference, October 23-27, Suzhou, China, pp. 204-210.

Yang, L.C., Chou, S.Y. dan Yang, Y.H., 2018, *MidiNet: A Convolutional Generative Adversarial Network for Symbolic-domain Music Generation*, The 18th International Society for Music Information Retrieval Conference (ISMIR17), pp. 324-331.

Yi, L. dan Goldsmith, J., 2007, *Automatic Generation of Four-part Harmony*, Proceedings of the Fifth UAI Bayesian Modeling Applications Workshop (UAI-AW 2007), Vancouver, British Columbia, Canada, pp. 81-86.

Zhou, X. dan Lerch, A., 2015, *Chord Detection using Deep Learning*. The 16th International Society for Music Information Retrieval Conference, Malaga, Spain, pp. 52-58.

https://www.musical-u.com/learn/solfege-do-re-mi-isnt-childs-play/#:~:text=As%20The%20Sound%20of%20Music,fa%20sol%20la%20ti%20do. Diakses pada tanggal 4 Februari 2021.