

DAFTAR PUSTAKA

- [1] G. Pei *dkk.*, “Deepfake Generation and Detection: A Benchmark and Survey,” Mei 2024, [Daring]. Tersedia pada: <http://arxiv.org/abs/2403.17881>
- [2] H. Mancy, M. Elpeltagy, K. Eldahshan, dan A. Ismail, “Hybrid-Optimized Model for Deepfake Detection,” 2025. [Daring]. Tersedia pada: www.ijacsa.thesai.org
- [3] F. Zafar, T. A. Khan, S. Akbar, M. T. Ubaid, S. Javaid, dan K. A. Kadir, “A Hybrid Deep Learning Framework for Deepfake Detection Using Temporal and Spatial Features,” *IEEE Access*, vol. 13, hlm. 79560–79570, 2025, doi: 10.1109/ACCESS.2025.3566008.
- [4] “Modus Penipuan Deepfake AI Prabowo-Gibran Tawarkan Bantuan Uang,” CNN Indonesia. Diakses: 12 Desember 2025. [Daring]. Tersedia pada: <https://www.cnnindonesia.com/nasional/20250124072755-12-1190915/modus-penipuan-deepfake-ai-prabowo-gibran-tawarkan-bantuan-uang>.
- [5] H. Sopian, “Bali’s Udayana University Expels Student Over Deepfake Sexual Harassment Case,” Jakarta Globe. Diakses: 12 Desember 2026. [Daring]. Tersedia pada: <https://jakartaglobe.id/tech/balis-udayana-university-expels-student-over-deepfake-sexual-harassment-case>
- [6] A. Sar, S. Roy, T. Choudhury, dan A. Abraham, “Zero-Shot Visual Deepfake Detection: Can AI Predict and Prevent Fake Content Before It’s Created?,” Sep 2025, doi: 10.1561/20000000136.
- [7] Muskan Kumari, Sanya Gupta, dan Neha Singh, “Deepfake Detection Using XceptionNet,” *Int. J. Sci. Res. Sci. Technol.*, vol. 12, no. 3, hlm. 55–63, Mei 2025, doi: 10.32628/ijrst251222688.
- [8] K. Anan *dkk.*, “Hybrid Deepfake Image Detection: A Comprehensive Dataset-Driven Approach Integrating Convolutional and Attention Mechanisms with Frequency Domain Features,” Mei 2025, [Daring]. Tersedia pada: <http://arxiv.org/abs/2502.10682>

- [9] Y. Kou, P. Li, H. Ma, J. Zhou, Z. ao Huang, dan X. Li, "SFIAD: Deepfake detection through spatial-frequency feature integration and dynamic margin optimization," *Artif. Intell. Rev.*, vol. 58, no. 7, Jul 2025, doi: 10.1007/s10462-025-11225-7.
- [10] A. Khormali dan J. S. Yuan, "DFDT: An End-to-End DeepFake Detection Framework Using Vision Transformer," *Applied Sciences (Switzerland)*, vol. 12, no. 6, Mar 2022, doi: 10.3390/app12062953.
- [11] H. Touvron, M. Cord, M. Douze, F. Massa, A. Sablayrolles, dan H. Jégou, "Training data-efficient image transformers & distillation through attention," Jan 2021, [Daring]. Tersedia pada: <http://arxiv.org/abs/2012.12877>
- [12] D. Nguyen, M. Astrid, E. Ghorbel, dan D. Aouada, "FakeFormer: Efficient Vulnerability-Driven Transformers for Generalisable Deepfake Detection," Nov 2024, [Daring]. Tersedia pada: <http://arxiv.org/abs/2410.21964>
- [13] A. G. Singh dan P. Sharma, "A Hybrid Deep Learning Framework for Robust Deepfake Detection Using CNN, LSTM, and Vision Transformers," 2024.
- [14] D. W. Deressa, H. Mareen, P. Lambert, S. Atnafu, Z. Akhtar, dan G. Van Wallendael, "GenConViT: Deepfake Video Detection Using Generative Convolutional Vision Transformer," *Applied Sciences (Switzerland)*, vol. 15, no. 12, Jun 2025, doi: 10.3390/app15126622.
- [15] Y. Cheng, "Kronecker Product Feature Fusion for Convolutional Neural Network in Remote Sensing Scene Classification," Jan 2024, [Daring]. Tersedia pada: <http://arxiv.org/abs/2402.00036>
- [16] A. H. Soudy dkk., "Deepfake detection using convolutional vision transformers and convolutional neural networks," *Neural Comput. Appl.*, vol. 36, no. 31, hlm. 19759–19775, Nov 2024, doi: 10.1007/s00521-024-10181-7.
- [17] F. A. Twince Tobing, A. Kurnadi, I. Z. Pane, dan R. Winantyo, "Deepfake detection using convolutional neural networks: a deep learning approach for digital security," *Indonesian Journal of Electrical Engineering and Computer Science*, vol. 39, no. 2, hlm. 1092, Agu 2025, doi: 10.11591/ijeecs.v39.i2.pp1092-1099.

- [18] A. P. Magesh, S. S. M. Ramakrishnan, R. Arumuga Arun, N. Priyanka, dan M. N. Kartheek, "Building an efficient Deep Fake detection system using the recognition capabilities of convolutional neural networks and transformers," *Discover Computing*, vol. 28, no. 1, Des 2025, doi: 10.1007/s10791-025-09586-2.
- [19] Y. K. Wong, "UNDERSTANDING THE FEATURES OF DEEP LEARNING," *School of Information Engineering, HuangHuai University*.
- [20] M. Trigka dan E. Dritsas, "A Comprehensive Survey of Deep Learning Approaches in Image Processing," 1 Januari 2025, *Multidisciplinary Digital Publishing Institute (MDPI)*. doi: 10.3390/s25020531.
- [21] Y. Deldjoo dkk., "Recommendation with Generative Models Suggested Citation," 2024.
- [22] J. Liu, "Research on the Application of Variational Autoencoder in Image Generation," *ITM Web of Conferences*, vol. 70, hlm. 02001, 2025, doi: 10.1051/itmconf/20257002001.
- [23] A. Mahara dan N. Rishe, "Methods and Trends in Detecting AI-Generated Images: A Comprehensive Review," Okt 2025, [Daring]. Tersedia pada: <http://arxiv.org/abs/2502.15176>
- [24] I. J. Goodfellow dkk., "Generative Adversarial Networks," Jun 2014, [Daring]. Tersedia pada: <http://arxiv.org/abs/1406.2661>
- [25] L. V. Truong, "Generative Adversarial Nets: Can we generate a new dataset based on only one training set?," Okt 2022, [Daring]. Tersedia pada: <http://arxiv.org/abs/2210.06005>
- [26] M. M. Ahsan, S. Raman, Y. Liu, dan Z. Siddique, "A Comprehensive Survey on Diffusion Models and Their Applications," Jul 2024, [Daring]. Tersedia pada: <http://arxiv.org/abs/2408.10207>
- [27] K. He, X. Zhang, S. Ren, dan J. Sun, "Deep Residual Learning for Image Recognition," Des 2015, [Daring]. Tersedia pada: <http://arxiv.org/abs/1512.03385>
- [28] M. Gao, J. Chen, H. Mu, dan D. Qi, "A transfer residual neural network based on resnet-34 for detection of wood knot defects," *Forests*, vol. 12, no. 2, hlm. 1–16, Feb 2021, doi: 10.3390/f12020212.

- [29] R. Courant, M. Edberg, N. Dufour, dan V. Kalogeiton, "Transformers and visual Transformers," Mar 2023, [Daring]. Tersedia pada: <http://arxiv.org/abs/2303.12068>
- [30] K. Prakash Rahatwal, S. Pundir, M. Wazid, S. Member, dan V. K. Bhat, "A Novel Approach to Deepfake Detection: Leveraging Fused Facial and Body Dynamics with a CNN-Transformer Hybrid Network," *IEEE Access*, vol. 4, 2025, doi: 10.1109/ACCESS.2017.DOI.
- [31] S. Liu, W. Wang, L. Deng, dan H. Xu, "Cnn-trans model: A parallel dual-branch network for fundus image classification," *Biomed. Signal Process. Control*, vol. 96, Okt 2024, doi: 10.1016/j.bspc.2024.106621.
- [32] M. Alshomrani, A. Albeshri, A. A. Alsulami, dan B. Alturki, "An Explainable Hybrid CNN–Transformer Architecture for Visual Malware Classification," *Sensors*, vol. 25, no. 15, Agu 2025, doi: 10.3390/s25154581.
- [33] S. H. S. Basha, S. R. Dubey, V. Pulabaigari, dan S. Mukherjee, "Impact of fully connected layers on performance of convolutional neural networks for image classification," *Neurocomputing*, vol. 378, hlm. 112–119, Feb 2020, doi: 10.1016/j.neucom.2019.10.008.
- [34] K. Bakti Pramanayoga St dkk., "Identifikasi Mekar dan Kuncupnya Bunga Sedap Malam Menggunakan Convolutional Neural Network," *JNATIA*, vol. 3, no. 1, 2024.
- [35] S. Singh dan A. Dhumane, "Unmasking digital deceptions: An integrative review of deepfake detection, multimedia forensics, and cybersecurity challenges," 1 Desember 2025, *Elsevier B.V.* doi: 10.1016/j.mex.2025.103632.
- [36] A. Aniraj, C. F. Dantas, D. Ienco, dan D. Marcos, "Masking Strategies for Background Bias Removal in Computer Vision Models," Agu 2023, [Daring]. Tersedia pada: <http://arxiv.org/abs/2308.12127>
- [37] O. Bhilare, R. Singh, V. Paranjape, S. Chittupalli, S. Suratkar, dan F. Kazi, "DEEPFAKE CLI: Accelerated Deepfake Detection using FPGAs," Okt 2022, [Daring]. Tersedia pada: <http://arxiv.org/abs/2210.14743>

- [38] S. Yang *dkk.*, “CrossDF: improving cross-domain deepfake detection with deep information decomposition,” *Front. Big Data*, vol. 8, 2025, doi: 10.3389/fdata.2025.1669488.
- [39] S.-Y. Wang, O. Wang, R. Zhang, A. Owens, dan A. A. Efros, “CNN-generated images are surprisingly easy to spot... for now,” Apr 2020, [Daring]. Tersedia pada: <http://arxiv.org/abs/1912.11035>
- [40] M. Tanaka, S. Shiota, dan H. Kiya, “A universal detector of CNN-generated images using properties of checkerboard artifacts in the frequency domain,” Agu 2021, [Daring]. Tersedia pada: <http://arxiv.org/abs/2108.01892>
- [41] A. Dosovitskiy *dkk.*, “An Image is Worth 16x16 Words: Transformers for Image Recognition at Scale,” Jun 2021, [Daring]. Tersedia pada: <http://arxiv.org/abs/2010.11929>

