

## DAFTAR PUSTAKA

- Bradshaw, T. J., Huemann, Z., Hu, J., and Rahmim, A., 2023, July 1, A Guide to Cross-Validation for Artificial Intelligence in Medical Imaging. *Radiology: Artificial Intelligence*. Radiological Society of North America Inc.
- Burnett, G. E., and Stevens, A., 2009, Defining Driver Distraction. Retrieved from <https://www.researchgate.net/publication/242449092>
- Burzykowski, T., Rousseau, A.-J., Geubbelmans, M., and Valkenborg, D., 2023, Introduction to machine learning.
- Calvi, A., D'amico, F., and Vennarucci, A., 2023, Comparing Eye-tracking System Effectiveness in Field and Driving Simulator Studies. *Open Transportation Journal*, Vol.17, .
- Chennamma, H. R., and Yuan, X., 2013, A Survey on Eye-Gaze Tracking Techniques. Retrieved from <https://arxiv.org/abs/1312.6410v1>
- Dingus, T. A., Guo, F., Lee, S., Antin, J. F., Perez, M., Buchanan-King, M., and Hankey, J., 2016, Driver crash risk factors and prevalence evaluation using naturalistic driving data. *Proceedings of the National Academy of Sciences*, Vol.113, No.10, pp.2636–2641.
- Distracted Driving | Transportation Safety | Injury Center | CDC in press. Retrieved December 14, 2023, from [https://www.cdc.gov/transportationsafety/distracted\\_driving/](https://www.cdc.gov/transportationsafety/distracted_driving/)
- Distracted Driving Dangers and Statistics | NHTSA in press. Retrieved December 14, 2023, from <https://www.nhtsa.gov/risky-driving/distracted-driving>
- Elgendy, M., O'Reilly for Higher Education (Firm), and Safari, an O. M. Company., 2020, *Deep Learning for Vision Systems*. 2020.
- Eraqi, H. M., Abouelnaga, Y., Saad, M. H., and Moustafa, M. N., 2019, Driver distraction identification with an ensemble of convolutional neural networks. *Journal of Advanced Transportation*, Vol.2019, .
- Ezzouhri, A., Charouh, Z., Ghogho, M., and Guennoun, Z., 2021, Robust Deep Learning-Based Driver Distraction Detection and Classification. *IEEE Access*, Vol.9, pp.168080–168092.

- Fort, A., Martin, R., Jacquet-Andrieu, A., Combe-Pangaud, C., Foliot, G., Daligault, S., and Delpuech, C., 2010, Attentional demand and processing of relevant visual information during simulated driving: A MEG study. *Brain Research*, Vol.1363, pp.117–127.
- FUADAH, Y. N., UBAIDULLAH, I. D., IBRAHIM, N., TALININGSING, F. F., SY, N. K., and PRAMUDITHO, M. A., 2022, Optimasi Convolutional Neural Network dan K-Fold Cross Validation pada Sistem Klasifikasi Glaukoma. *ELKOMIKA: Jurnal Teknik Energi Elektrik, Teknik Telekomunikasi, & Teknik Elektronika*, Vol.10, No.3, pp.728.
- Groeger, J. A., 2000, *Understanding Driving Applying cognitive psychology to a complex everyday task*.
- Guestrin, E. D., and Eizenman, M., 2006, General theory of remote gaze estimation using the pupil center and corneal reflections. *IEEE Transactions on Biomedical Engineering*, Vol.53, No.6, pp.1124–1133.
- Gumaei, A., Al-Rakhami, M., Hassan, M. M., Alamri, A., Alhussein, M., Razzaque, M. A., and Fortino, G., 2020, A deep learning-based driver distraction identification framework over edge cloud. *Neural Computing and Applications*.
- Hari, C. V., and Sankaran, P., 2021, Driver distraction analysis using face pose cues. *Expert Systems with Applications*, Vol.179, .
- Inan, O., and Uzer, M. S., 2021, A Method of Classification Performance Improvement Via a Strategy of Clustering-Based Data Elimination Integrated with k-Fold Cross-Validation. *Arabian Journal for Science and Engineering*, Vol.46, No.2, pp.1199–1212.
- Lam, L. T., 2002, Distractions and the risk of car crash injury: The effect of drivers' age. *Journal of Safety Research*, Vol.33, No.3, pp.411–419.
- Li, F., Munn, S., and Pelz, J., 2008, A model-based approach to video-based eye tracking. *Journal of Modern Optics*, Vol.55, No.4–5, pp.503–531.
- Mahadevkar, S. V., Khemani, B., Patil, S., Kotecha, K., Vora, D. R., Abraham, A., and Gabralla, L. A., 2022, A Review on Machine Learning Styles in Computer

Vision - Techniques and Future Directions. *IEEE Access*. Institute of Electrical and Electronics Engineers Inc.

Masood, S., Rai, A., Aggarwal, A., Doja, M. N., and Ahmad, M., 2020, Detecting distraction of drivers using Convolutional Neural Network. *Pattern Recognition Letters*, Vol.139, pp.79–85.

Meena, G., Mohbey, K. K., and Kumar, S., 2023, Sentiment analysis on images using convolutional neural networks based Inception-V3 transfer learning approach. *International Journal of Information Management Data Insights*, Vol.3, No.1, pp.100174.

Mohammed S. Majdi, Sundaresh Ram, Jonathan T. Gill, and Jeffrey J. Rodríguez, 2020, Drive-Net: Convolutional Network for Driver Distraction Detection.

Montoya, A., Holman, D., SF\_data\_science, Smith, T., and Kan, W., State Farm Distracted Driver Detection (2016). Retrieved from <https://kaggle.com/competitions/state-farm-distracted-driver-detection>

Murphy, K., 2022, *Probabilistic machine learning: an introduction*. Retrieved from <https://books.google.com/books?hl=en&lr=&id=OyYuEAAQBAJ&oi=fnd&pg=PR27&dq=Probabilistic+Machine+Learning:+An+Introduction&ots=A7kJQDAw3d&sig=FxIMozJksTYutkXABw8FQ099pWw>

Muthuswamy, A., Dewan, M. A. A., Murshed, M., and Parmar, D., 2023, Driver Distraction Classification Using Deep Convolutional Autoencoder and Ensemble Learning. *IEEE Access*, Vol.11, pp.71435–71448.

Nagaraja, B., Almeida, F., Ali, Y., Kumar, P., Ajaykumar, A. R., and Al-Mdallal, Q., 2023, Empirical study for Nusselt number optimization for the flow using ANOVA and Taguchi method. *Case Studies in Thermal Engineering*, Vol.50, pp.103505.

Ojsterek, T. C., and Topolek, D., 2019, Analysis and Evaluation of Eye Behavior for Marine Operation Training - A Pilot Study. *Journal of Eye Movement Research*, Vol.12, . Retrieved from <https://api.semanticscholar.org/CorpusID:226838215>

O'Shea, K., and Nash, R., 2015, An Introduction to Convolutional Neural Networks. Retrieved from <http://arxiv.org/abs/1511.08458>

- Raja Sekaran, S. A. P., Poo Lee, C., and Lim, K. M., 2021, Facial Emotion Recognition Using Transfer Learning of AlexNet. *2021 9th International Conference on Information and Communication Technology, ICoICT 2021* (pp. 170–174). Institute of Electrical and Electronics Engineers Inc.
- Ren, J., and Wang, Y., 2022, Overview of Object Detection Algorithms Using Convolutional Neural Networks. *Journal of Computer and Communications*, Vol.10, pp.115–132.
- Sandler, M., Howard, A., Zhu, M., Zhmoginov, A., and Chen, L.-C., 2018, MobileNetV2: Inverted Residuals and Linear Bottlenecks. Retrieved from <http://arxiv.org/abs/1801.04381>
- Singh, B., and Davis, L. S., 2018, An Analysis of Scale Invariance in Object Detection - SNIP. *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition* (pp. 3578–3587). IEEE Computer Society.
- Stephens, A. N., Young, K. L., Logan, D. B., and Lenné, M. G., 2015, The Need for Speed? The Relationships between Driver Traits and Speed Choices during a Naturalistic Drive. *Procedia Manufacturing*, Vol.3, pp.3200–3207.
- Szegedy, C., Liu, W., Jia, Y., Sermanet, P., Reed, S., Anguelov, D., Erhan, D., Vanhoucke, V., and Rabinovich, A., 2015, *Going deeper with convolutions*. Retrieved from <https://ieeexplore.ieee.org/document/7298594/authors>
- Tian, Y., Luo, P., Wang, X., and Tang, X., 2015, *Pedestrian Detection aided by Deep Learning Semantic Tasks*.
- Valero-Carreras, D., Alcaraz, J., and Landete, M., 2023, Comparing two SVM models through different metrics based on the confusion matrix. *Computers & Operations Research*, Vol.152, pp.106131.
- Varoquaux, G., and Colliot, O., 2023, Evaluating Machine Learning Models and Their Diagnostic Value. *Neuromethods*, Vol.197, pp.601–630.
- Walecki, R., Ognjen, Rudovic, Pavlovic, V., Schuller, B., and Pantic, M., 2017, Deep Structured Learning for Facial Action Unit Intensity Estimation. Retrieved from <http://arxiv.org/abs/1704.04481>

- Wang, J., and Wu, Z. C., 2023, Driver distraction detection via multi-scale domain adaptation network. *IET Intelligent Transport Systems*, Vol.17, No.9, pp.1742–1751.
- Wang, M.-H., Chan, F.-C., and Lu, S.-D., 2024, Using a One-Dimensional Convolutional Neural Network with Taguchi Parametric Optimization for a Permanent-Magnet Synchronous Motor Fault-Diagnosis System. *Processes*, Vol.12, No.5,.
- Zhan, Z.-H., Li, J.-Y., and Zhang, J., 2022, Evolutionary deep learning: A survey. *Neurocomputing*, Vol.483, pp.42–58.
- Zhang, Q., 2018, *Convolutional Neural Networks*.
- Zhou, Z.-H., and Tan, Z.-H., 2022, Learnware: Small Models Do Big.