

ПЕРЕЛІК ПОСИЛАНЬ

1. Shantanu Ingle. Tesla Autopilot : Semi Autonomous Driving, an Uptick for Future Autonomy / Shantanu Ingle, Madhuri Phute. – Pune, Maharashtra, India: International Research Journal of Engineering and Technology, 2016. – 4 p.
2. Exploring the Potential of Apple Face ID as a Drag, Queer and Trans Technology Design Tool / Saúl Baeza Argüello, Ron Wakkary, Kristina Andersen, Oscar Tomico. – 2021. – Available at: <https://dl.acm.org/doi/abs/10.1145/3461778.3461999> (Accessed: 7 Dec 2024)
3. Search by people, things & places in your photos // Google. – 2024. – Available at: <https://support.google.com/photos/answer/6128838?hl=en&co=GENIE.Platform%3DAndroid> (Accessed: 7 Dec 2024)
4. Longyong Tong. Multicore CPU-based parallel computing accelerated digital image correlation for large soil deformations measurement / Longyong Tong, Hang Zhou, Brian Sheil. // Computers and Geotechnics. – 2024. – №166.
5. DPU-Direct: Unleashing Remote Accelerators via Enhanced RDMA for Disaggregated Datacenters / Yunkun Liao, Jingya Wu, Wenyan Lu та ін.], 2024. – 14 p.
6. Accelerate AI development with Google Cloud TPUs // Google. – 2024. – Available at: <https://cloud.google.com/tpu?hl=uk> (Accessed: 7 Dec 2024)
7. NPU (Neural Processing Units) // Samsung. – 2019. – Available at: <https://semiconductor.samsung.com/support/tools-resources/dictionary/the-neural-processing-unit-npu-a-brainy-next-generation-semiconductor/> (Accessed: 7 Dec 2024)
8. Hadhami Aouani. Deep facial expression detection using Viola-Jones algorithm, CNN-MLP and CNN-SVM / Hadhami Aouani, Yassine Ben Ayed., 2024. – 65 p. – (Springer link).

9. ArcFace: Additive Angular Margin Loss for Deep Face Recognition / Jiankang Deng, Jia Guo, Niannan Xue, Stefanos Zafeiriou., 2019. – 10 p.
10. Annotated Facial Landmarks in the Wild: A large-scale, real-world database for facial landmark localization / Martin Köstinger, Paul Wohlhart, P. Roth, H. Bischof., 2011. – 8 p.
11. Facial Landmark Detection by Deep Multi-task Learning / Zhanpeng Zhang, Ping Luo, Chen Change Loy, Xiaoou Tang. – Hong Kong: Dept. of Information Engineering, The Chinese University of Hong Kong, 2014. – 15 p.
12. Shan Li. Deep Facial Expression Recognition: A Survey / Shan Li, Weihong Deng., 2018. – 25 p.
13. Facial expressions and identities recognition in Parkinson disease / Silvia Gobbo, Elisa Urso, Aurora Colombo та ін., 2024. – 12 p.
14. Rajshree Kumari a. Real-Time Assessment of Edge Detection Techniques in Image Processing: A Performance Comparison / Rajshree Kumari a, Divyanshu Chandra., 2024. – 16 p.
15. AaronWard. Facial Detection — Understanding Viola Jones' Algorithm / AaronWard // Medium. – 2020. – Available at: <https://medium.com/@aaronward6210/facial-detection-understanding-viola-jones-algorithm-116d1a9db218> (Accessed: 7 Dec 2024)
16. Alex Krizhevsky. ImageNet Classification with Deep Convolutional Neural Networks / Alex Krizhevsky, Ilya Sutskever, Geoffrey E. Hinton., 2012. – 9 p.
17. Karen Simonyan. Very Deep Convolutional Networks for Large-Scale Image Recognition / Karen Simonyan, Andrew Zisserman., 2015. – (ICLR).
18. Deep Residual Learning for Image Recognition / Kaiming He, Xiangyu Zhang, Shaoqing Ren, Jian Sun., 2015. – 12 p.

19. Joint Face Detection and Alignment using Multi-task Cascaded Convolutional Networks / Kaipeng Zhang, Zhanpeng Zhang, Zhifeng Li, Yu Qiao., 2016. – 5 p.
20. What is Amazon Rekognition? // Amazon. – 2024. – Available at: <https://docs.aws.amazon.com/rekognition/latest/dg/what-is.html> (Accessed: 7 Dec 2024)
21. OpenCV Introduction // OpenCV. – 2024. – Available at: <https://docs.opencv.org/4.10.0/d1/dfb/intro.html> (Accessed: 7 Dec 2024)
22. Dlib C++ Library // Dlib. – 2022. – Available at: <http://dlib.net/> (Accessed: 7 Dec 2024)
23. Kazemi V. One Millisecond Face Alignment with an Ensemble of Regression Trees / V. Kazemi, J. Sullivan. – Columbus, Ohio, USA, 2014. – 8 p. – (Conference: Computer Vision and Pattern RecognitionAt: Columbus, Ohio, USA).
24. Tom Fawcett. An introduction to ROC analysis / Tom Fawcett., 2005. – 14 p.
25. Katarzyna Stapor. Evaluation of classifiers: current methods and future research directions / Katarzyna Stapor., 2017. – 4 p.
26. Raman Maini. A Comprehensive Review of Image Enhancement Techniques / Raman Maini, Himanshu Aggarwal. // JOURNAL OF COMPUTING. – 2010. – №2. – P. 8–13.
27. Feature Pyramid Networks for Object Detection / Tsung-Yi Lin, Piotr Dollar, Ross Girshick та ін.], 2017. – 10 p.
28. Facial Expression Recognition Challenge Dataset // Kaggle. – 2019. – Available at: <https://www.kaggle.com/datasets/debanga/facial-expression-recognition-challenge> (Accessed: 7 Dec 2024)

29. Bulnes, L. C. Peripheral and central nervous system interactions in the processing of emotional facial dynamics : дис. докт. / Bulnes, L. C.. – Vrije Universiteit Brussel, 2023.

30. Шульц С. Програмне забезпечення розпізнавання емоцій з медіафайлів на основі методів машинного навчання / Шульц Софія Олексіївна – Київ, 2023. – 174 с.

31. Extraction of human facial features based on Haar feature with Adaboost and image recognition techniques / [H. Phuong, D. Le, T. Dzung Nguyen and others.] // Communications and Electronics (ICCE), 2012 Fourth International / [H. Phuong, D. Le, T. Dzung Nguyen and others.], 2012. – P. 302–305.

32. facial-keypoints-68-dataset // Kaggle. – 2020. – Available at: <https://www.kaggle.com/datasets/julianlenkiewicz/facialkeypoints68dataset> (Accessed: 7 Dec 2024)

33. Computer Vision - Worldwide // statista. – 2024. – Available at: <https://www.statista.com/outlook/tmo/artificial-intelligence/computer-vision/worldwide> (Accessed: 7 Dec 2024)