













- [21] P. Sanmartín, E. Chorro, D. Vázquez-Nion, F. M. Martínez-Verdú, and B. Prieto, "Conversion of a digital camera into a non-contact colorimeter for use in stone cultural heritage: The application case to Spanish granites," *Measurement*, vol. 56, pp. 194-202, 2014.
- [22] A. Cumani and A. Guiducci, "A new camera calibration method for high accuracy non-contact metrology," *Pattern recognition letters*, vol. 14, pp. 415-419, 1993.
- [23] T. D. Alter, "3d pose from 3 corresponding points under weak-perspective projection," MASSACHUSETTS INST OF TECH CAMBRIDGE ARTIFICIAL INTELLIGENCE LAB1992.
- [24] A. Guiducci, "Parametric model of the perspective projection of a road with applications to lane keeping and 3D road reconstruction," *Computer Vision and Image Understanding*, vol. 73, pp. 414-427, 1999.
- [25] S. Gu, C. Lindsay, M. A. Gennert, and M. A. King, "A quick 3d-to-2d points matching based on the perspective projection," in *International Symposium on Visual Computing*, 2008, pp. 634-645.
- [26] T. Cohen and J. Gil, "Self-calibration of metrics of Java methods," in *Proceedings 37th International Conference on Technology of Object-Oriented Languages and Systems. TOOLS-Pacific 2000*, 2000, pp. 94-106.
- [27] O. Masoud and N. P. Papanikolopoulos, "A novel method for tracking and counting pedestrians in real-time using a single camera," *IEEE transactions on vehicular technology*, vol. 50, pp. 1267-1278, 2001.
- [28] Z. Xu, Y. Wang, and C. Yang, "Multi-camera global calibration for large-scale measurement based on plane mirror," *Optik*, vol. 126, pp. 4149-4154, 2015.
- [29] M. Yu, Z. Wei, and J. Sun, "On-spot camera calibration method based on flexible planar target," *J. Univ. Aeronaut. Astronaut. B*, vol. 35, pp. 347-350, 2009.
- [30] C. Ricolfe-Viala, A.-J. Sanchez-Salmeron, and A. Valera, "Calibration of a trinocular system formed with wide angle lens cameras," *Optics express*, vol. 20, pp. 27691-27696, 2012.
- [31] S. Junhua, L. Zhen, and Z. Guangjun, "Camera calibration based on flexible 3D target," *Acta Optica Sinica*, vol. 29, pp. 3433-3439, 2009.
- [32] J. Huo, N. Yang, M. Yang, and J. Cui, "Flexible calibration of camera with large FOV based on planar homography," *Optik*, vol. 126, pp. 5218-5223, 2015.
- [33] W. Li, J. Chu, H. Meng, J. Wang, X. Li, and X. Xing, "Calibration method with separation patterns of a single-camera," in *Ground-based and Airborne Instrumentation for Astronomy*, 2006, pp. 1758-1767.
- [34] K. Kullman, "Experiments with moving children and digital cameras," *Children's Geographies*, vol. 10, pp. 1-16, 2012.
- [35] D. Guerra-Ramos, L. Díaz-García, J. Trujillo-Sevilla, and J. M. Rodríguez-Ramos, "Piston alignment of segmented optical mirrors via convolutional neural networks," *Optics letters*, vol. 43, pp. 4264-4267, 2018.
- [36] C. Antoniou, M. Ben-Akiva, and H. N. Koutsopoulos, "Nonlinear Kalman filtering algorithms for on-line calibration of dynamic traffic assignment models," *IEEE Transactions on Intelligent Transportation Systems*, vol. 8, pp. 661-670, 2007.
- [37] Z. Zhang, Y. Zhou, H. Liu, and H. Gao, "In-situ water level measurement using NIR-imaging video camera," *Flow Measurement and Instrumentation*, vol. 67, pp. 95-106, 2019.
- [38] S. Zhang, B. Li, F. Ren, and R. Dong, "High-precision measurement of binocular telecentric vision system with novel calibration and matching methods," *IEEE Access*, vol. 7, pp. 54682-54692, 2019.
- [39] Z. Wang, Z. Wu, X. Zhen, R. Yang, J. Xi, and X. Chen, "A two-step calibration method of a large FOV binocular stereovision sensor for onsite measurement," *Measurement*, vol. 62, pp. 15-24, 2015.
- [40] S. Guo, S. Chen, F. Liu, X. Ye, and H. Yang, "Binocular vision-based underwater ranging methods," in *2017 IEEE International Conference on Mechatronics and Automation (ICMA)*, 2017, pp. 1058-1063.
- [41] H. Xiang, L. Cheng, H. Wu, Y. Chen, and Y. Gao, "Mobile Robot Automatic Aiming Method Based on Binocular Vision," in *2021 40th Chinese Control Conference (CCC)*, 2021, pp. 4150-4156.