- Abhishek Kar. Local light field fusion: Practical view synthesis with prescriptive sampling guidelines. *ACM Transactions on Graphics*, 38:1–14, 2019. 1
- [28] Ryoya Mizuno, Keita Takahashi, Michitaka Yoshida, Chihiro Tsutake, Toshiaki Fujii, and Hajime Nagahara. Acquiring a dynamic light field through a single-shot coded image. In *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)*, 2022. 2, 3, 4, 5, 6, 7
- [29] Ofir Nabati, David Mendlovic, and Raja Giryes. Fast and accurate reconstruction of compressed color light field. In *International Conference on Computational Photography*, pages 1–11, 2018. 2
- [30] Hajime Nagahara, Changyin Zhou, Takuya Watanabe, Hiroshi Ishiguro, and Shree K Nayar. Programmable aperture camera using LCoS. In *European Conference on Computer Vision*, pages 337–350, 2010. 1, 2, 3, 4, 6
- [31] Ren Ng. Digital light field photography. PhD thesis, Stanford University, 2006. 1, 2, 7
- [32] Ren Ng, Marc Levoy, Mathieu Brédif, Gene Duval, Mark Horowitz, and Pat Hanrahan. Light field photography with a hand-held plenoptic camera. *Computer Science Technical Report CSTR*, 2(11):1–11, 2005. 2, 7
- [33] Shijie Nie, Lin Gu, Yinqiang Zheng, Antony Lam, Nobutaka Ono, and Imari Sato. Deeply learned filter response functions for hyperspectral reconstruction. In *IEEE/CVF Conference* on Computer Vision and Pattern Recognition, pages 4767–4776, 2018. 2, 4
- [34] Simon Niklaus, Long Mai, Jimei Yang, and Feng Liu. 3D ken burns effect from a single image. *ACM Transactions on Graphics*, 38(6):184:1–184:15, 2019. 2
- [35] Henri Rebecq, Guillermo Gallego, Elias Muggler, and Davide Scaramuzza. EMVS: Event-based multi-view stereo 3D reconstruction with an event camera in real-time. *International Journal of Computer Vision*, 126(12):1394–1414, 2018. 2
- [36] Henri Rebecq, Daniel Gehrig, and Davide Scaramuzza. ESIM: an open event camera simulator. *Conf. on Robotics Learning (CoRL)*, 2018. 5
- [37] Viktor Rudnev, Mohamed Elgharib, Christian Theobalt, and Vladislav Golyanik. EventNeRF: Neural radiance fields from a single colour event camera. In *Computer Vision and Pattern Recognition (CVPR)*, 2023. 2
- [38] Kohei Sakai, Keita Takahashi, Toshiaki Fujii, and Hajime Nagahara. Acquiring dynamic light fields through coded aperture camera. In *European Conference on Computer Vision*, pages 368–385, 2020. 1, 3, 5, 6
- [39] Changha Shin, Hae-Gon Jeon, Youngjin Yoon, In So Kweon, and Seon Joo Kim. EPINET: A fully-convolutional neural network using epipolar geometry for depth from light field images. In *IEEE Conference on Computer Vision and Pattern Recognition*, pages 4748–4757, 2018. 1
- [40] Yuichi Taguchi, Takafumi Koike, Keita Takahashi, and Takeshi Naemura. TransCAIP: A live 3D TV system using a camera array and an integral photography display with interactive control of viewing parameters. *IEEE Transactions on Visualization and Computer Graphics*, 15(5):841–852, 2009. 1, 2

- [41] Kohei Tateishi, Kohei Sakai, Chihiro Tsutake, Keita Takahashi, and Toshiaki Fujii. Factor modulation for single-shot light-field acquisition. In *IEEE International Conference on Image Processing*, pages 3253–3257, 2021. 2, 3, 6
- [42] Kohei Tateishi, Chihiro Tsutake, Keita Takahashi, and Toshiaki Fujii. Time-multiplexed coded aperture and coded focal stack -comparative study on snapshot compressive light field imaging. *IEICE Transactions on Information and Systems*, E105.D(10):1679–1690, 2022. 1, 2, 3, 5, 6, 7
- [43] Alex Trevithick and Bo Yang. GRF: Learning a general radiance field for 3D representation and rendering. In *International Conference on Computer Vision*, 2021. 2
- [44] Richard Tucker and Noah Snavely. Single-view view synthesis with multiplane images. In *IEEE Conference on Computer Vision and Pattern Recognition*, 2020. 2
- [45] Anil Kumar Vadathya, Sharath Girish, and Kaushik Mitra. A unified learning based framework for light field reconstruction from coded projections. *IEEE Transactions on Computational Imaging*, 6:304–316, 2019. 2
- [46] Edwin Vargas, Julien N. P. Martel, Gordon Wetzstein, and Henry Arguello. Time-multiplexed coded aperture imaging: Learned coded aperture and pixel exposures for compressive imaging systems. In *International Conference on Computer Vision*, 2021. 2, 3, 6
- [47] Ashok Veeraraghavan, Ramesh Raskar, Amit Agrawal, Ankit Mohan, and Jack Tumblin. Dappled photography: Mask enhanced cameras for heterodyned light fields and coded aperture refocusing. *ACM Transactions on Graphics*, 26(3):69, 2007. 2
- [48] Ping Wang, Lishun Wang, and Xin Yuan. Deep optics for video snapshot compressive imaging. In *Proceedings of the IEEE/CVF International Conference on Computer Vision (ICCV)*, pages 10646–10656, 2023. 3, 4
- [49] Ting-Chun Wang, Jun-Yan Zhu, Ebi Hiroaki, Manmohan Chandraker, Alexei A Efros, and Ravi Ramamoorthi. A 4D light-field dataset and CNN architectures for material recognition. In *European Conference on Computer Vision*, 2016.
- [50] G. Wetzstein, D. Lanman, M. Hirsch, and R. Raskar. Tensor displays: Compressive light field synthesis using multilayer displays with directional backlighting. *ACM Transactions on Graphics*, 31(4):1–11, 2012. 1
- [51] Bennett Wilburn, Neel Joshi, Vaibhav Vaish, Eino-Ville Talvala, Emilio Antunez, Adam Barth, Andrew Adams, Mark Horowitz, and Marc Levoy. High performance imaging using large camera arrays. *ACM Transactions on Graphics*, 24 (3):765–776, 2005. 1, 2
- [52] Yicheng Wu, Vivek Boominathan, Huaijin Chen, Aswin Sankaranarayanan, and Ashok Veeraraghavan. Phasecam3D—learning phase masks for passive single view depth estimation. In *International Conference on Computational Photography*, pages 1–12, 2019. 3, 4
- [53] Dejia Xu, Yifan Jiang, Peihao Wang, Zhiwen Fan, Humphrey Shi, and Zhangyang Wang. SinNeRF: Training neural radiance fields on complex scenes from a single image. In *European Conference on Computer Vision*, 2022. 2
- [54] Michitaka Yoshida, Akihiko Torii, Masatoshi Okutomi, Kenta Endo, Yukinobu Sugiyama, Rin-ichiro Taniguchi, and