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- [15] M. SMOLIK, V. SKALA: *Vector field second order derivative approximation and geometrical characteristics*, LNCS 10404 (2017), pp. 148–158, ISSN: 0302-9743, DOI: 10.1007/978-3-319-62392-4\_11.
- [16] M. SMOLIK, V. SKALA, Z. MAJDISOVA: *3D vector field approximation and critical points reduction using radial basis functions*, English, International Journal of Mechanics 13 (2019), pp. 100–103, ISSN: 1998-4448.
- [17] X. WANG, Y. LIU, J. OUYANG: *A meshfree collocation method based on moving Taylor polynomial approximation for high order partial differential equations*, Engineering Analysis with Boundary Elements 116 (2020), pp. 77–92, ISSN: 0955-7997, DOI: 10.1016/j.enganabound.2020.04.002.
- [18] Q. WEN, F. XU, J.-H. YONG: *Real-time 3D eye performance reconstruction for RGBD cameras*, IEEE Transactions on Visualization and Computer Graphics 23.12 (2017), pp. 2586–2598, ISSN: 1077-2626, DOI: 10.1109/TVCG.2016.2641442.
- [19] WIKIPEDIA: *Taylor series*, Accessed: 2020-05-04, 2020, URL: [https://en.wikipedia.org/wiki/Taylor\\_series](https://en.wikipedia.org/wiki/Taylor_series).
- [20] E. WOBBS, M. MÖLLER, V. GALAVI, C. VUIK: *Taylor least squares reconstruction technique for material point methods*, Proceedings of the 6th European Conference on Computational Mechanics: Solids, Structures and Coupled Problems, ECCM 2018 and 7th European Conference on Computational Fluid Dynamics, ECFD 2018 (2020), pp. 806–817.
- [21] D. ZÉZÉ, M. POTIER-FERRY, Y. TAMPANGO: *Multi-point Taylor series to solve differential equations*, Discrete and Continuous Dynamical Systems - Series S 12.6 (2019), pp. 1791–1806, ISSN: 1937-1632, DOI: 10.3934/dcdss.2019118.