

## Publication - D. Suter - (compiled September 16, 2022)

### Book

- [1] Tat-Jun Chin and David Suter. *The Maximum Consensus Problem:Recent Algorithmic Advances*. Synthesis Lectures on Computer Vision (Eds. Gerard Medioni and Sven Dickinson). Morgan & Claypool, 2017, pp. 194–. 194 pp. ISBN: 9781627052863. DOI: [10.2200/S00757ED1V01Y201702COV011](https://doi.org/10.2200/S00757ED1V01Y201702COV011).
- [2] Alireza Bab-Hadiashar and David Suter. *Data Segmentation and Model Selection for Computer Vision*. Ed. by A. Bab-Hadiashar and D. Suter. Springer-Verlag, 2000. 236 pp. ISBN: 0-387-98815-7. DOI: [10.1007/978-0-387-21528-0](https://doi.org/10.1007/978-0-387-21528-0).

### Journal

- [1] Weiqin Chuah, Ruwan Tennakoon, Reza Hoseinnezhad, David Suter, and Alireza Bab-Hadiashar. “Semantic Guided Long Range Stereo Depth Estimation for Safer Autonomous Vehicle Applications”. In: *IEEE Transactions on Intelligent Transportation Systems* (2022), pp. 1–11. DOI: [10.1109/TITS.2022.3170870](https://doi.org/10.1109/TITS.2022.3170870).
- [2] Giang Truong, Huu Le, Erchuan Zhang, David Suter, and Syed Zulqarnain Gilani. “Unsupervised Learning for Maximum Consensus Robust Fitting: A Reinforcement Learning Approach”. In: *IEEE Transactions on Pattern Analysis and Machine Intelligence* (2022). ISSN: 0162-8828. DOI: [10.1109/TPAMI.2022.3178442](https://doi.org/10.1109/TPAMI.2022.3178442).
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## Conference

- [1] WeiQin Chuah, Ruwan Tennakoon, Hosseinnezhad, Alireza Bab-Hadiashar, and David Suter. “ITSA: An Information Theoretic Approach to Automatic Shortcut Avoidance and Domain Generalization in Stereo Matching Networks”. In: *2022 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)*. accepted March 2 2022. 2022.
- [2] Dzung Doan, Michele Sasdelli, Tat-Jun Chin, and David Suter. “A Hybrid Quantum-Classical Algorithm for Robust Fitting”. In: *2022 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)*. accepted March 2 2022. 2022.
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