# Publication - D. Suter - (compiled May 11, 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/S00757ED1V01Y201702C0V011.
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## 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.
- [2] Huu Le, Tat-Jun Chin, Anders Eriksson, Thanh-Toan Do, and David Suter. "Deterministic Approximate Methods for Maximum Consensus Robust Fitting". In: *IEEE Transactions on Pattern Analysis and Machine Intelligence* (Mar. 2021), pp. 842–857. ISSN: 0162-8828. DOI: 10.1109/TPAMI.2019.2939307.
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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.
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