

MARC BUI

Sélection de publications

Data Processing on Ancient Vietnamese Inscriptions

Anna Scius-Bertrand, Michael Jungo, Beat Wolf, Andreas Fischer, Marc Bui (2021)

Transcription Alignment of Historical Vietnamese Handwriting without Human-Annotated Learning Samples in section: Computing and Artificial Intelligence, Recent Advances in Handwritten Text Recognition. Published in *Applied Sciences* journal as part of the Special Issue *Recent Advances in Handwritten Text Recognition*. <https://www.mdpi.com/2076-3417/11/11/4894>

Anna Scius-Bertrand, Michael Jungo, Beat Wolf, Andreas Fischer, Marc Bui (2021)

Annotation-Free Character Detection in Historical Vietnamese Steles in 16th International Conference on Document Analysis and Recognition, September 5-10, 2021, Lausanne, Switzerland. <https://www.icdar.org>. To appear in the proceedings of ICDAR'21 in end 2021, 15 pages.

Anna Scius-Bertrand, L. Voegtlin, M. Alberti, A. Fischer and Marc Bui (2019).

Layout Analysis and Text Column Segmentation for Historical Vietnamese Steles

In The 5th International Workshop on Historical Document Imaging and Processing), September 20–21, 2019, Sydney, Australia, published in Proceedings of the 5th International Workshop on Historical Document Imaging and Processing, pages 84–89. <https://dl.acm.org/doi/10.1145/3352631.3352634>

Anna Scius-Bertrand, Jérémie Bosom, Philippe Papin and Marc Bui (2019).

Towards Automated Reading of Historical Vietnamese In Proceedings of the 19th Conference of the International Graphonomics Society (IGS), Cancun, Mexique, 2019.

Modelling and Simulation of Complex systems

Ngoc Kim Khanh Nguyen, Marc Bui (2021)

Detecting Anomalies in the Dynamics of a Market Index with Topological Data Analysis

International Journal of Systematic Innovation. Vol. 6 No. 6 (2021) p. 37-50

[https://doi.org/10.6977/IJoSI.202112_6\(6\).0005](https://doi.org/10.6977/IJoSI.202112_6(6).0005)

Kim Khanh Nguyen, Marc Bui (2020).

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Minh Tran, Thanh Duong, Duc Pham-Hi and Marc Bui (2020)

Detecting the Proportion of Traders in the Stock Market: An Agent-Based Approach. Mathematics 2020, 8, 198; doi:10.3390/math8020198 published 5 February 2020. www.mdpi.com/journal/mathematics.

Loup-Noé Lévy, Jérémie Bosom, Guillaume Guérard, Soufian Ben Amor, Marc Bui and Hai Tran

(position paper, 2021). ***Application of Pretopological Hierarchical Clustering for Buildings Portfolio***

SmartGreen 2021, 10th International Conference on Smart Cities and Green ICT Systems (Online Streaming, 28-30 April 2021).

Kim Thoa Ho, Quang Vu Bui, and Marc Bui (2020). **Topic Diffusion Prediction on Bibliographic Network** in proceedings of 12th International International Conference on Computational Collective Intelligence, ICCCI 2020, published in Springer Lectures Notes in Artificial Intelligence 12496, pages 45-47. doi :10.1007/978-3-030-63007-2.

Kim Thoa Ho, Quang Vu Bui, and Marc Bui (2019). **Co-author Relationship Prediction in Bibliographic Network** in proceedings of the Tenth International Symposium on Information and Communication Technology, pages 69-77. doi :10.1145/3368926.3369668.