# Ra'Fat A. AL-Msie'Deen

**Publications** 



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#### **PUBLICATIONS**

#### Journal:

- [1] R. Al-Msie'deen, "SoftCloud: A Tool for Visualizing Software Artifacts as Tag Clouds," Mu'tah Lil-Buhuth wad-Dirasat, Natural and Applied Sciences Series, vol. 37, no. 2, pp. 1–14, 2022.
- [2] R. Al-Msie'deen, A. Blasi, and M. Alsuwaiket, "Constructing a Software Requirements Specification and Design for Electronic IT News Magazine System," *International Journal of Advanced and Applied Sciences*, vol. 8, no. 11, pp. 104–118, 2021.
- [3] R. Al-Msie'deen, and A. Blasi, "Software Evolution Understanding: Automatic Extraction of Software Identifiers Map for Object-Oriented Software Systems," *Journal of Communications Software and Systems*, vol. 17, no. 1, pp. 20–28, 2021.
- [4] R. Al-Msie'deen, "Tag Clouds for Software Documents Visualization," International Journal on Informatics Visualization, vol. 3, no. 4, pp. 361–364, 2019.
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- [10] R. Al-Msie'deen, "Visualizing object-oriented software for understanding and documentation," *International Journal of Computer Science and Information Security*, vol. 13, no. 5, pp. 18–27, 2015.

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#### **Book:**

- [1] R. Al-Msie'deen, Object-oriented Software Documentation. Lambert Academic Publishing, 2019.
- [2] R. Al-Msie'deen, A. Seriai, and M. Huchard, Reengineering Software Product Variants Into Software Product Line: REVPLINE Approach. Lambert Academic Publishing, 2014.
- [3] R. Al-Msie'deen, A Requirement Model of Local News Application for Rural Communities: A New Model for Rural News. Lambert Academic Publishing, 2014.
- [4] R. Al-Msie'deen, M. Huchard, and C. Urtado, Reverse Engineering Feature Models. Lambert Academic Publishing, 2014.
- [5] R. Al-Msie'deen, Feature Location in a Collection of Software Product Variants. Lambert Academic Publishing, 2014.

### **International Conference:**

- [1] R. Al-Msie'deen, M. Huchard, A. Seriai, C. Urtado, and S. Vauttier, "Reverse engineering feature models from software configurations using formal concept analysis," in *Proceedings of the Eleventh International Conference on Concept Lattices and Their Applications, Košice, Slovakia, October 7-10, 2014.*, ser. CEUR Workshop Proceedings, K. Bertet and S. Rudolph, Eds., vol. 1252. CEUR-WS.org, 2014, pp. 95–106.
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- [5] R. Al-Msie'deen, A. Seriai, M. Huchard, C. Urtado, S. Vauttier, and H. E. Salman, "Mining features from the object-oriented source code of a collection of software variants using formal concept analysis and latent semantic indexing," in *The 25th International Conference on Software Engineering and Knowledge Engineering, Boston, MA, USA, June 27-29, 2013.* Knowledge Systems Institute Graduate School, 2013, pp. 244–249.
- [6] R. Al-Msie'deen, M. Huchard, A. D. Seriai, C. Urtado, S. Vauttier, and A. Al-Khlifat, "Concept lattices: A representation space to structure software variability," in *Information and Communication* Systems (ICICS), 2014 5th International Conference on, Irbid, Jordan, April 2014, pp. 1–6.

### **International Workshop:**

- [1] R. Al-Msie'deen, A. D. Seriai, M. Huchard, C. Urtado, S. Vauttier, and H. E. Salman, "An approach to recover feature models from object-oriented source code," in *Actes de la Journée Lignes de Produits* 2012, Lille, France, Novembre 2012, pp. 15–26.
- [2] <u>R. Al-Msie'deen</u>, A. D. Seriai, M. Huchard, C. Urtado, S. Vauttier, and H. E. Salman, "Feature mining from a collection of software product variants," in *Actes de la Journées GDR GPL CIEL AFADL 2013*, Nancy, France, April 2013, pp. 1–2.
- [3] H. E. Salman, A. Seriai, C. Dony, and <u>R. Al-Msie'deen</u>, "Recovering traceability links between feature models and source code of product variants," in *Proceedings of the VARiability for You Workshop: Variability Modeling Made Useful for Everyone*, ser. VARY '12. New York, NY, USA: ACM, 2012, pp. 21–25.
- [4] H. E. Salman, A. Seriai, C. Dony, and <u>R. Al-Msie'deen</u>, "Identifying traceability links between product variants and their features," in *REVE'2013: 1st International workshop on Reverse Variability Engineering*, 2013, pp. 17–23.
- [5] H. E. Salman, A. Seriai, C. Dony, and R. Al-Msie'deen, "Genetic algorithms as recovering traceability links method between feature models and source code of product variants," in *Actes de la Journée Liques de Produits 2012*, Lille, France, Novembre 2012, pp. 3–14.

#### Poster:

[1] R. Al-Msie'deen, A. Seriai, M. Huchard, C. Urtado, S. Vauttier, and H. E. Salman, "A methodology to recover feature models from object-oriented source code," Innsbruck, Austria, September 2012.

# **Doctoral Symposium:**

[1] R. Al-Msie'deen, "Mining feature models from the object-oriented source code of a collection of software product variants," in *Doctoral Symposium of ECOOP'13*, Montpellier, France, July 2013, pp. 1–10.

# **Publications in Google Scholar:**

Engineering, Technology & Applied Science Research 9 (3), 4287-4291



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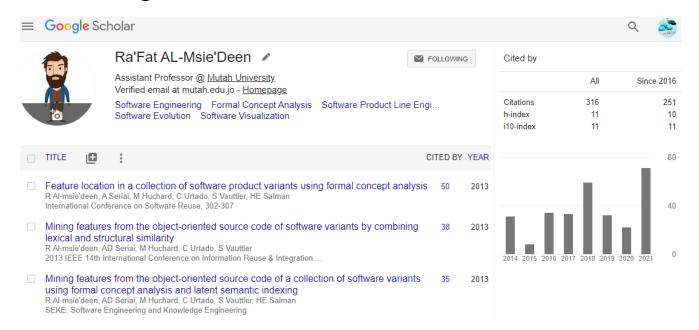
Software Engineering Formal Concept Analysis Software Product Line Engi... Software Evolution Software Visualization

TITLE	CITED BY	YEAR
Feature location in a collection of software product variants using formal concept analysis R Al-msie'deen, A Seriai, M Huchard, C Urtado, S Vauttier, HE Salman International Conference on Software Reuse, 302-307	50	2013
Mining features from the object-oriented source code of software variants by combining lexical and structural similarity R Al-msie'deen, AD Seriai, M Huchard, C Urtado, S Vauttier 2013 IEEE 14th International Conference on Information Reuse & Integration	al 38	2013
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Reverse engineering feature models from software configurations using formal concept analysis R Al-msie'deen, M Huchard, A Seriai, C Urtado, S Vauttier Proceedings of the Eleventh International Conference on Concept Lattices and	21	2014
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Automatic documentation of [mined] feature implementations from source code elements and use-case diagrams with the REVPLINE approach R Al-msie'deen, M Huchard, AD Seriai, C Urtado, S Vauttier International Journal of Software Engineering and Knowledge Engineering 24	16	2014
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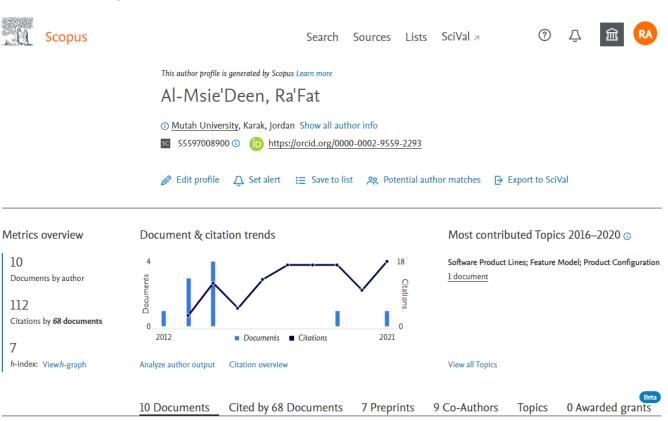
### **Publications in Scopus:**

Conference Paper • Open access Feature location in a collection of software product variants using formal concept analysis 26 Al-Msie'Deen, R., Seriai, A., Huchard, M., ... Vauttier, S., Salman, H.E. Citations Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) , 2013, 7925 LNCS, pp. 302-307 Show abstract ✓ View at Publisher ✓ Related documents DOC XML ✓ SOLR |SON 7 Reverse engineering feature models from software configurations using formal concept 20 analysis Citations AL-Msie'Deen, R., Huchard, M., Seriai, A.-D., Urtado, C., Vauttier, S. CEUR Workshop Proceedings, 2014, 1252, pp. 95-106 Show abstract ✓ Related documents DOC XML ¬ SOLR JSON 7 Conference Paper Mining features from the object-oriented source code of a collection of software variants 19 using formal concept analysis and latent semantic indexing Citations AL-Msie'deen, R., Seriai, A.-D., Huchard, M., ... Vauttier, S., Salman, H.E. Proceedings of the International Conference on Software Engineering and Knowledge Engineering, SEKE , 2013, 2013-January(January), pp. 244-249 Show abstract ✓ Related documents DOC XML ¬ SOLR JSON 7 Conference Paper • Open access Mining features from the object-oriented source code of software variants by combining 19 lexical and structural similarity Citations Al-Msie'Deen, R., Seriai, A.-D., Huchard, M., Urtado, C., Vauttier, S. Proceedings of the 2013 IEEE 14th International Conference on Information Reuse and Integration, IEEE IRI 2013 , 2013, pp. 586-593, 6642522 Show abstract ✓ View at Publisher ✓ Related documents DOC XML ✓ SOLR ISON 7 Conference Paper • Open access Concept lattices: A representation space to structure software variability 9 Al-Msie'Deen, R., Huchard, M., Seriai, A.-D., ... Vauttier, S., Al-Khlifat, A. Citations 2014 5th International Conference on Information and Communication Systems, ICICS 2014 . 2014, 6841949 Show abstract ✓ View at Publisher ✓ Related documents DOC XML ✓ SOLR JSON 7 Conference Paper Recovering traceability links between feature models and source code of product variants 8 Eyal-Salman, H., Seriai, A.-D., Dony, C., Al-msie'deen, R. Citations Proceedings of the VARiability for You Workshop: Variability Modeling Made Useful for

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