Chittineni Aruna, Associate Professor, Department of CSE, Abroad Publications:

PAPER PRESENTED IN SINGAPORE

TITLE: INTEGRATION OF DYNAMIC SYMBOLIC EXECUTION WITH METAMORPHIC RELATIONS TO SOLVE COMPLEX PATH CONSTRAINTS

Copyright ©GSTF 2014 ISSN 2251-2195, DOI: 10.5176/2251-2195_CSEIT14.36.

Attended and presented this Paper in International Conference at Singapore on 22nd and 23rd September, 2014 organized by Global Science and Technology Forum on 5th Annual International Conference on Computer Science Education: Innovation and Technology (CSEIT 2014), Singapore

PAPER PRESENTED IN CANADA:

A NEW VIEW ON METHOD CALLS AND CONTRACTS TO FACILITATE DEVELOPERS IN MAKING THEIR DESIGN DECISIONS

The paper was presented in the International Conference of Science and Technology at St. Michael’s College University of Toronto, Canadian Research Centre for Humanities and Science, University of Toronto 350 Joicey Blvd. M5M2W1, Toronto, Ontario. CANADA.

The paper has been reviewed by CIJST International Editorial Team and published in Canadian International Journal of Science and Technology, Volume 1, January 2015.
PAPERS PRESENTED IN MALAYSIA AT ASIA PACIFIC UNIVERSITY (APU):

1. **MTAF: A TESTING FRAMEWORK FOR METAMORPHIC TESTING AUTOMATION**

The paper was presented for CSCEET-2015 (The Second International conference on Computer Science, Computer Engineering and Education Technologies), which was held in ASIA PACIFIC UNIVERSITY OF TECHNOLOGY AND INNOVATIONS (APU), Kuala Lumpur, Malaysia on September 8th to 10th, 2015 as a part of the Fourth World Congress on Computing, Engineering and Technology (WCET 2015).

The Paper was published in Conference Proceedings with link addresses

https://www.dropbox.com/s/7ij22qkq9ggt384/WCET2015.rar?dl=0

https://sdiwc.academia.edu/TheSocietyofDigitalInformationandWirelessCommunications

The Paper was also published in SDIWC Digital Library.

The Same Paper was also indexed and published in Academia with link address


It is also indexed and published in Research Gate with Link Address
The proceedings will also be indexed in Research Bib, INSPEC, EIDBLP, and Microsoft Academic Research Databases, Google Scholar Database.

2. SUCCESSIVE TEST CASE GENERATION (STCG) ALGORITHM FOR METAMORPHIC TESTING TO GENERATE FOLLOW-UP TEST CASES.

The paper was Presented for SEMCMI2015 (The International Conference on Software Engineering, Mobile Computing and Media Informatics), which was held in ASIA PACIFIC UNIVERSITY OF TECHNOLOGY AND INNOVATIONS (APU), Kuala Lumpur, Malaysia on September 8th to 10th, 2015 as a part of the Fourth World Congress on Computing, Engineering and Technology (WCET 2015).

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https://www.dropbox.com/s/7ij22qkq9ggt384/WCET2015.rar?dl=0

https://sdiwc.academia.edu/TheSocietyofDigitalInformationandWirelessCommunications

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The proceedings will also be indexed in Research Bib, PROQUEST, and Microsoft Academic Research Databases, Google Scholar Databases, INSPEC, EI, DBLP.

Papers Published in Switzerland Springer Publications:

1. TESTING APPROACH FOR DYNAMIC WEB APPLICATIONS BASED ON AUTOMATED TEST STRATEGIES

The paper was presented in ICT and Critical Infrastructure proceedings of 48th Annual convention of CSI Volume II of Advances in Intelligent Systems and Computing 249, DOI: 10.1007/978-3-319-03095-1_43 @ Springer International Publishing Switzerland, 2014.

2. RESOURCE GRID ARCHITECTURE FOR MULTI CLOUD RESOURCE MANAGEMENT IN CLOUD COMPUTING

The paper was published Springer International Publishing Switzerland 2015, Emerging ICT for Bridging the Future Volume
1. Advances in Intelligent Systems Computing 337, DFOI 10.1007/978-3-319-13728-5_71.

IEEE PUBLICATIONS

1. ADOPTING METAMORPHIC RELATIONS TO VERIFY NON-TESTABLE GRAPH THEORY ALGORITHMS.

   This paper was published in IEEE Explorer with ISBN 978-1-4799-1734-1/15 and also published in IEEE Digital Library.

2. METAMORPHIC RELATIONS TO IMPROVE THE TEST ACCURACY OF MULTI PRECISION ARITHMETIC SOFTWARE APPLICATIONS

   Published in IEEE Explorer and Digital Library with ISSN 978-1-4799-3080-7/14/$31.00 c 2014 IEEE 2244,