

## *Publications*

### **1. DBLP Indexing for Computer Science Publication**

<http://www.informatik.uni-trier.de/~ley/db/indices/a-tree/m/Misra:Sanjay.html>

### **2. SCI/SCIE Indexing for Applied Sciences Publication**

[http://apps.isiknowledge.com/summary.do?product=WOS&qid=4&parentQid=3&db\\_id=WOS&SID=Z1fpH7K7Jb2cnIn7CPK&search\\_mode=Refine](http://apps.isiknowledge.com/summary.do?product=WOS&qid=4&parentQid=3&db_id=WOS&SID=Z1fpH7K7Jb2cnIn7CPK&search_mode=Refine)

### **Indexed Journals /Proceedings**

1. S. Misra, and Ibrahim Akman ‘Weighted Class Complexity: A Measure of Complexity for Object Oriented Systems’ Journal of Information Science and Engineering, November, 2008. (**SCI-E INDEXED**)

[http://www.iis.sinica.edu.tw/page/jise/FILE/coming-issues\\_en.html#v24n6](http://www.iis.sinica.edu.tw/page/jise/FILE/coming-issues_en.html#v24n6)

2. S. Misra, ‘Measuring Cognitive Functional size measure’ International Journal of Software Science and Computer Intelligence,” IGI Global Publication., Vol 1, no 2, pp. 91-100, 2009.
3. D. Basci and S. Misra, ‘A W3C Document Type Definition (DTD) Metric” Proceedings Sixth International Workshop on SOA and Web Practices, OOPSLA 2008. Book Published by Oslo Academic Press, Unipub Norway.
4. S. Misra, and I. Akman, ‘Comparative Study of Cognitive Complexity Measures’ Accepted From Proc. of ISCIS (Published by IEEE Computer Soc. Press).
5. S. Misra, and I. Akman, ‘A Model for measuring Cognitive Complexity of Software’ Lecture Notes in Computer Science, LNAI 5178, pp. 879–886, 2008.

<http://www.springerlink.com/content/b413571j84745248/>

6. S. Misra, and I. Akman, ‘Applicability of Weyuker’s Properties on OO Metrics: Some Misunderstandings”, Journal of Computer and Information Sciences, Vol.15, 1, pp.17-24, 2008.

<http://www.comsis.fon.bg.ac.yu/ComSIS/Vol5No1/RegularPapers/paper2.htm>

7. D. Basci and S. Misra, 'Entropy Metric for XML DTD Document' ACM SIGSOFT Software Engineering Notes. Vol.33, no. 4, pp. 1-6, 2008.  
<http://doi.acm.org/10.1145/1384139.1384144>
8. S. Misra, and I. Akman, 'An Unique Complexity Measure' Lecture Notes in Computer Science, LNCS 5073, pp.641-651, 2008.  
<http://www.springerlink.com/content/201585m78421m367/?p=c95d3804fc044f4f9e9071bc3d0fe9c6&pi=51>
9. S. Misra, and I. Akman, 'Measuring Complexity of Object Oriented Programs' Lecture Notes in Computer Science, LNCS 5073, pp.652-667, 2008.  
<http://www.springerlink.com/content/j46m46554h53p140/?p=c95d3804fc044f4f9e9071bc3d0fe9c6&pi=52>
10. S. Misra, and I. Akman, 'A Complexity Metric based on Cognitive Informatics' Lecture Notes in Computer Science, Vol. 5009, pp.620-627, 2008.  
<http://www.springerlink.com/content/19442p7613617g2r/>
11. D. Basci and S. Misra, 'Complexity Metric for XML Schema Document' Proceedings Fifth International Workshop on SOA and Web Practices, OOPSLA 2007. Book Published by University of Oslo, ISBN-number: 978-82-997428-1-8.  
<http://boss.bekk.no/oopsla2007/papers/p5.pdf>
12. S. Misra and H.Kilic, 'Applicability of Weak Measurement theory on Modified Cognitive Complexity Measure' Proceedings of ENASE'07. pp. 19-24 2007.  
<http://www.enase.org/ENASE2007/abstracts.htm>
13. S. Misra 'A Object oriented Metric based on cognitive weights', Proceedings of IEEE (ICCI'07) pp.134-139, 2007.  
<http://ieeexplore.ieee.org/iel5/4341857/4341858/04341883.pdf>
14. S.Misra, 'Cognitive Program Complexity Measure', Proceedings of IEEE (ICCI'07). pp. 120-125, 2007.  
<http://ieeexplore.ieee.org/iel5/4341857/4341858/04341881.pdf>
15. S. Misra and P. K. Mohanti, 'Modified Cognitive Complexity Measure: An Analysis', European Journal of Scientific Research, 2008, (accepted).

16. S. Misra, 'Validating Modified Cognitive Complexity Measure' ACM SIGSOFT Software Engineering Notes.Vol.32, no. 3, pp. 1-5, 2007.  
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17. S. Misra and A.K.Misra 'Evaluation and comparison of cognitive complexity measure' ACM SIGSOFT Software Engineering Notes.Vol.32, no. 2, pp. 1-5, 2007.  
<http://doi.acm.org/10.1145/1234741.1234761>
18. S. Misra, 'Modified Cognitive Complexity Measure', Lecture Notes in Computer Science 4263, pp.1050-1059, 2006.( SCIE Indexed\*)  
<http://www.springerlink.com/content/u4032lm885832215/>
19. S. Misra, 'Modified Set of Weyuker's Properties', Proceedings of IEEE (ICCI'06). pp 242-247, 2006.  
<http://ieeexplore.ieee.org/iel5/4216376/4216377/04216418.pdf>
20. S. Misra, 'A complexity Measure based on Cognitive Weights', Int. Journal of Theoretical and Applied Computer Science, 1, 1. pp. 09-17, 2006.  
<http://www.gbspublisher.com/ijtacs/1001.pdf>
21. S. Misra, and A. K. Misra; 'A proposed additional property to the Weyuker's existing properties', International Journal of Information Technology and Management, Vol.5, no.1, pp. 66-76, 2006.  
<http://www.inderscience.com/offer.php?id=8714>
22. S. Misra, and H. Kilic, 'Measurement Theory and validation Criteria for Software Complexity Measure', ACM SIGSOFT Software Engineering Notes.Vol.31, no. 6, pp. 1-3, 2006.  
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24. Ram Kripal and S. Misra, 'ESR of Cu<sup>2+</sup> doped Sodium Citrate; Journal of Magnetism and Magnetic Materials', (Elsevier) ,Vol. 294, No. 1, pp. 72-82, 2005. **(SCIE INDEXED)**  
[doi:10.1016/j.jmmm.2004.12.037](http://doi.org/10.1016/j.jmmm.2004.12.037)
25. S. Misra, and A. K. Misra, 'Evaluating Cognitive Complexity Measure with Weyuker Properties', Proceeding of IEEE (ICCI'2004) pp. 103-108, 2004.  
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26. Ram Kripal and S. Misra, 'ESR of  $\text{Cu}^{2+}$  doped cadmium (II) Formate Dihydrate', Journal of Physics and Chemistry of Solids, Vol. 65, No. 5, pp. 939-948, 2004. **(SCIE INDEXED)**  
<http://adsabs.harvard.edu/abs/2004JPCS...65..939K>
27. Ram Kripal and S. Misra, 'ESR of Copper doped Ammonium Tartrate', Journal of Physical Society of Japan, Vol. 73, No. 5, pp. 134-1340, 2004. **(SCIE INDEXED)**  
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28. Ram Kripal, and S. Misra, 'Ground State Wave Function & Orthorhombic Character of  $\text{Cu}^{2+}$  Ion Complexes', Vigyan Anusandhan Patrica, pp. 63- 68, April 2004.
29. S. Misra, 'ESR of  $\text{Cu}^{2+}$  doped Calcium Propionate', Journal of Physical Society of Japan, 70, 7, 2158-60(2001). **(SCIE INDEXED)**  
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**Refereed Journal /Conferences Proceedings: 12 papers before 2001**

30. S. Misra, 'Weyuker's Properties and Measurement Theory', Accepted for Proceedings of PCI' (2007).
31. B.N Misra, R.Kripal, **S. Misra** & A. Narayana; Crystalline field Effect of ESR parameters of  $\text{Cu}^{2+}$  ions, Proceeding of the Saha Centenary International symposium on Spectroscopy & Astrophysics pp. 69-75. 1993, held on University of Allahabad, Allahabad at Oct. 1993.
32. R.Kripal, & **S. Misra**; Characterization of copper doped calcium propionate single crystal using ESR: Proceeding of International Workshop on preparation and Characterization of Technologically important single crystals held on N.P.L. New Delhi at Feb 26-28, 2001.
33. B.N Misra, A. Narayana, **S. Misra** & R.Kripal ;Ground State wave function & orthorhombic character of  $\text{Cu}^{2+}$  ion complexes; 63<sup>rd</sup> Annual Session of the National Academy of Sciences, India held at I.I. Sc., Banglore from November 24-26-1993.
34. B.N Misra , R.Kripal, & **S. Misra** ; ESR study of  $\text{Cu}^{2+}$  complexes: 64<sup>th</sup> Annual Session of the National Academy of Sciences, India Held at P.U. University, Chandigarh From September 29.October 1,1994.
35. B.N Misra , R. Kripal, & **S. Misra** ;The Estimation of g factor of  $\text{VO}^{2+}$  ions; 64<sup>th</sup> Annual Session of the National Academy of Sciences, India Held at S.V.University, Tirupati from Novemer 3 – 5,1995.
36. B.N Misra ,R.Kripal, & **S. Misra** ;ESR of  $\text{Cu}^{2+}$  doped Cadmium (ii) formate dihydrate: 66<sup>th</sup> Annual Session of the National academy of Sciences, India held at Dr. Marathwada University Aunagabad from October 31 – November 2,1996.
37. B.N Misra, R.Kripal, & **S. Misra** ; ESR of  $\text{Cu}^{2+}$  doped Ammonium Tartarate:: 1<sup>st</sup> Conference of the International Academy of Physical Sciences, held at M.G. Kashi Vidyapeeth, Varansi from October 14 – 15.1996.

38. B.N Misra , R.Kripal, & **S. Misra**: ESR of  $\text{Cu}^{2+}$  doped Bis – (5,5 diethyl barbiturato) bis picoline Zn (ii) 67 the Annual Session of the National Academy of sciences, India held at Utkal University, Bhuneshver from October 24 – 26,1997.
39. R. Kripal, & **S. Misra**: ESR of  $\text{Cu}^{2+}$  doped ammonium Tartrate: 70<sup>th</sup> Annual Session of the National Academy of sciences, India held at University of Allahabad, Allahabad from November 3-6, 2000.
40. R. Kripal, & **S. Misra**: ESR of  $\text{Cu}^{2+}$  doped Sodium Citrate: 4<sup>th</sup> Conference of the International Academy of Physical Sciences, held at M.G.C.G.Viswavidyalya Citracoot, Satna (M.P.) Feb 25-27, 2001.
41. R. Kripal, & **S. Misra**; ESR of  $\text{Cu}^{2+}$  doped Potassium Hydrogen bis homophthallate: 72<sup>th</sup> Annual Session of the National Academy of sciences, India held at Shilong University, Shilong from October 26-28, 2002.