Radu Marinescu

Fişa de verificare a îndeplinirii standardelor minimale **Informatică**

Numărul Publicației	Referința bibliografică	Si	ni	s _i / n _i
1	Radu Marinescu , "Assessing Technical Debt by Identifying Design Flaws in Software Systems", <i>IBM Journal of Research and Development</i> , ISSN 0018-8646, Vol. 56, No. 5, 2012 (in curs de publicare)	4.09	1	4.09
2	Radu Marinescu, "Measurement and Quality in Object-Oriented Design", 21st IEEE International Conference on Software Maintenance (ICSM), 2005	0.50	1	0.50
3	Radu Marinescu , "Detection Strategies: Metrics-Based Rules for Detecting Design Flaws", 20th IEEE International Conference on Software Maintenance (ICSM), 2004	0.50	1	0.50
4	Radu Marinescu , "Using Object-Oriented Metrics for Automatic Design Flaws Detection in Large Scale Systems", <i>European Conference on Object-Oriented Programming (ECOOP) Workshop Reader</i> , 1998	0.50	1	0.50
5	Radu Marinescu, "Detecting Design Flaws via Metrics in Object-Oriented Systems", 39th International Conference & Exhibition on Technology of Object-Oriented Languages and Systems (TOOLS 39), pg.173-182, 2001	0.25	1	0.25
6	Radu Marinescu , "A Multi-Layered System of Metrics for the Measurement of Reuse by Inheritance", 31st International Conference & Exhibition on Technology of Object-Oriented Languages and Systems (TOOLS 31), pg.146-155, 1999	0.25	1	0.25
7	Cristina Marinescu, Radu Marinescu , Tudor Gîrba, "Towards a Simplified Implementation of Object-Oriented Design Metrics", 11th IEEE International Symposium on Software Metrics (ESEM / METRICS), 2005	0.50	3	0.17
8	Mihai Balint, Petru Florin Mihancea, Tudor Gîrba, Radu Marinescu , "NOREX: A Distributed Reengineering Environment", <i>23rd IEEE International Conference on Software Maintenance (ICSM)</i> , 2007	0.50	4	0.13
9	Dan C. Cosma, Radu Marinescu , "Distributable Features View: Visualizing the Structural Characteristics of Distributed Software Systems", 4th IEEE International Workshop on Visualizing Software for Understanding and Analysis (VISSOFT), 2007	0.25	2	0.13
10	Adrian Trifu, Radu Marinescu , "Diagnosing Design Problems in Object Oriented Systems", <i>12th Working Conference on Reverse Engineering (WCRE)</i> , 2005	0.25	2	0.13
11	Radu Marinescu , Daniel Ratiu, "Quantifying the Quality of Object-Oriented Design: The Factor-Strategy Model", 11th Working Conference on Reverse Engineering (WCRE), 2004	0.25	2	0.13
11	Cristina Marinescu, Radu Marinescu , Petru Florin Mihancea, Daniel Ratiu, Richard Wettel, "iPlasma: An Integrated Platform for Quality Assessment of Object-Oriented Design", <i>21st IEEE International Conference on Software Maintenance (ICSM)</i> , 2005	0.50	5	0.10
12	Daniel Rațiu, Radu Marinescu , Jan Jürjens: The Logical Modularity of Programs, <i>16th Working Conference on Reverse Engineering (WCRE)</i> , 2009	0.25	3	0.08
TOTAL:			l =	6.94

Numărul publicației care citează	Referința bibliografică a publicației K care citează	Sk	∑ s _k	n _i	∑s _k /n _i
	escu, "Detection Strategies: Metrics-Based Rules for Detecting Design Flaws", 20th IEEE International Conferent Internance (ICSM 2004), pg.350-359	ence on	27.48	1	27.48
1	Software Fault Prediction using Quad Tree based K-Means Clustering Algorithm, <i>IEEE Transactions on Knowledge and Data Engineering, preprint 2011, 10.1109/TKDE.2011.163, ISSN 1041-4347</i>	2.78			
2	Moha, N. and Gueheneuc, Y.G. and Duchien, L. and Le Meur, A.F DECOR: A method for the specification and detection of code and design smells, <i>IEEE Transactions on Software Engineering</i> , 36(1), 2010, ISSN 0098-5589	2.72			
3	Van Rompaey, B. and Du Bois, B. and Demeyer, S. and Rieger, M On the detection of test smells: A metrics-based approach for general fixture and eager test, <i>IEEE Transactions on Software Engineering</i> , 33(12), 2007, ISSN 0098-5589	2.72			
4	Khomh, F. and Penta, M.D. and Gueheneuc, Y.G. and Antoniol, G An exploratory study of the impact of antipatterns on class change-and fault-proneness, <i>Empirical Software Engineering</i> , 17(3), 2012, ISSN 1382-3256	1.27			
5	Mantyla, M.V. and Lassenius, C Subjective evaluation of software evolvability using code smells: An empirical study, <i>Empirical Software Engineering</i> , 11(3), 2006, ISSN 1382-3256	1.27			
6	Moha, N. and Gueheneuc, Y.G. and Meur, A.F.L. and Duchien, L. and Tiberghien, A From a domain analysis to the specification and detection of code and design smells, <i>Formal Aspects of Computing 22(3)</i> , 2010, ISSN 0934-5043	1.04			
7	Figueiredo, E. and Sant'Anna, C. and Garcia, A. and Lucena, C Applying and evaluating concernsensitive design heuristics, <i>Journal of Systems and Software, 85(2), 2012, ISSN 0164-1212</i>	0.74			
8	Khomh, F. and Vaucher, S. and Gueheneuc, Y.G. and Sahraoui, H BDTEX: A GQM-based Bayesian approach for the detection of antipatterns, <i>Journal of Systems and Software, 84(4), 2011, ISSN 0164-1212</i>	0.74			
9	Macia Bertran, I. and Garcia, A. and von Staa, A An exploratory study of code smells in evolving aspect-oriented systems, 10th International Conference on Aspect-Oriented Software Development (AOSD), 2011	0.50			
10	Olbrich, S.M. and Cruzes, D.S. and Sjoberg, D.I.K Are all code smells harmful? A study of God Classes and Brain Classes in the evolution of three open source systems, <i>International Conference on Software Maintenance (ICSM)</i> , 2010	0.50			
11	Olbrich, S. and Cruzes, D.S. and Basili, V. and Zazworka, N The evolution and impact of code smells: A case study of two open source systems, 3rd International Symposium on Empirical Software Engineering and Measurement (ESEM), 2009	0.50			
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14	Griffith, I. and Wahl, S. and Izurieta, C TrueRefactor: An Automated Refactoring Tool to Improve Legacy System and Application Comprehensibility, 24rd International Conference on Computer Applications in Industry and Engineering (ISCA), 2011	0.50			
15	D'Ambros, M Supporting software evolution analysis with historical dependencies and defect information, <i>International Conference on Software Maintenance (ICSM)</i> , 2008	0.50			
16	Nierstrasz, O. and Ducasse, S. and Girba, T The story of Moose: an agile reengineering environment, 13th ACM SIGSOFT international symposium on Foundations of software engineering (FSE), 2005	0.50			
17	Mordal-Manet, K. and Balmas, F. and Denier, S. and Ducasse, S. and Wertz, H. and Laval, J. and Bellingard, F. and Vaillergues, P The SQUALE model—A practice-based industrial quality model, <i>International Conference on Software Maintenance (ICSM)</i> , 2009	0.50			
18	Moha, N Detection and Correction of Design Defects in Object-Oriented Architectures, 22nd ACM SIGPLAN conference on Object-oriented programming systems and applications (OOPSLA), 2007	0.50			
19	Figueiredo, E. and Whittle, J. and Garcia, A ConcernMorph: metrics-based detection of crosscutting patterns, ACM SIGSOFT symposium on The Foundations of Software Engineering (FSE), 2009	0.50			
20	Kessentini, M. and Vaucher, S. and Sahraoui, H Deviance from perfection is a better criterion than closeness to evil when identifying risky code, <i>26th IEEE/ACM International Conference on Automated Software Engineering (ASE)</i> , 2010	0.50			
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24	Moha, N. and Gueheneuc, Y.G PTIDEJ and DECOR: identification of design patterns and design defects, 22nd ACM SIGPLAN conference on Object-oriented programming systems and applications (OOPSLA), 2007	0.50			
25	Bacchelli, A Exploring, Exposing, and Exploiting Emails to Include Human Factors in Software Engineering, 33rd International Conference on Software Engineering (ICSE), 2011	0.50			
26	Ducasse, S. and Girba, T. and Kuhn, A Distribution Map, <i>International Conference on Software Maintenance (ICSM)</i> , 2006	0.50			
27	Moha, N. and Gueheneuc, Y.G. and Leduc, P Automatic generation of detection algorithms for design defects, <i>International Conference on Automated Software Engineering (ASE)</i> , 2006	0.50			
28	Van Rompaey, B. and Du Bois, B. and Demeyer, S Characterizing the relative significance of a test smell, International Conference on Software Maintenance (ICSM), 2006	0.50			
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30	Darmawan, N. and Chong, A.Y.L. and Ooi, K.B. and In, B Factor Strategy Model: Proofs of Prototype Concept for Software Quality Evaluation, <i>Journal of Computer Information Systems</i> 50(3), 2010, ISSN 0887-4417	0.37			_
31	Girba, T. and Ducasse, S Modeling history to analyze software evolution, <i>Journal of Software Maintenance and Evolution: Research and Practice, 18(3), 2006, ISSN 1532-060X</i>	0.34			
32	Mahouachi, R. and Kessentini, M. and Ghedira, K A New Design Defects Classification: Marrying Detection and Correction, Fundamental Approaches to Software Engineering (FASE), 2012	0.25			
33	Kessentini, M. and Sahraoui, H. and Boukadoum, M. and Wimmer, M Search-Based Design Defects Detection by Example, Fundamental Approaches to Software Engineering (FASE), 2011	0.25			
34	Khomh, F. and Vaucher, S. and Gueheneuc, Y.G. and Sahraoui, H A bayesian approach for the detection of code and design smells, 9th International Conference on Quality Software (QSIC), 2009	0.25			
35	Moha, N. and Gueheneuc, Y.G. and Le Meur, A.F. and Duchien, L A domain analysis to specify design defects and generate detection algorithms, 11th International Conference on Fundamental approaches to software engineering (FASE), 2008	0.25			
36	Vaucher, S. and Khomh, F. and Moha, N. and Gueheneuc, Y.G Tracking design smells: Lessons from a study of god classes, 16th Working Conference on Reverse Engineering (WCRE), 2009	0.25			
37	Khomh, F. and Di Penta, M. and Gueheneuc, Y.G An exploratory study of the impact of code smells on software change-proneness, 16th Working Conference on Reverse Engineering (WCRE), 2009	0.25			
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39	Marinescu, C Quality Assessment of Enterprise Software Systems, 13th Working Conference on Reverse Engineering (WCRE), 2006	0.25			
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41	Boccuzzo, S. and Gall, H Cocoviz: Towards cognitive software visualizations, <i>Visualizing Software for Understanding and Analysis (VISSOFT)</i> , 2007	0.25			
42	Kreimer, J Adaptive Detection of Design Flaws, 5th Workshop on Language Descriptions, Tools, and Applications (LDTA), 2005	0.25			
43	Bhatti, M.U. and Ducasse, S. and Huchard, M Reconsidering classes in procedural object-oriented code, Working Conference on Reverse Engineering (WCRE), 2008	0.25			
	ra, Radu Marinescu , "Object-Oriented Metrics in Practice: Using Software Metrics to Characterize, Evaluate, a Design of Object-Oriented Systems", <i>Springer Verlag</i> , 2006	ınd	45.40	2	22.70
44	Capra, E. and Francalanci, C. and Merlo, F An empirical study on the relationship between software design quality, development effort and governance in open source projects, <i>IEEE Transactions on Software Engineering</i> , 34(6), 2008, ISSN 0098-5589	2.72			

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45	Kraft, N.A. and Duffy, E.B. and Malloy, B.A Grammar recovery from parse trees and metrics-guided grammar refactoring, <i>IEEE Transactions on Software Engineering</i> , <i>35</i> (6), 2009, ISSN 0098-5589	2.72			
46	Bowman, M. and Briand, L.C. and Labiche, Y Solving the class responsibility assignment problem in object-oriented analysis with multi-objective genetic algorithms, <i>IEEE Transactions on Software Engineering</i> , 36(6), 2008, ISSN 0098-5589	2.72			
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48	Tappolet, J. and Kiefer, C. and Bernstein, A Semantic web enabled software analysis, <i>Journal of Web Semantics 8(2-3), 2010, ISSN 1570-8268</i>	2.69			
49	Caserta, P. and Zendra, O Visualization of the Static aspects of Software: a survey, <i>IEEE Transactions on Visualization and Computer Graphics</i> , 17(7), 2011, ISSN 1077-2626	1.77			
50	Khomh, F. and Penta, M.D. and Gueheneuc, Y.G. and Antoniol, G An exploratory study of the impact of antipatterns on class change-and fault-proneness, <i>Empirical Software Engineering</i> , 17(3), 2012, ISSN 1382-3256	1.27			
51	Herbold, S. and Grabowski, J. and Waack, S Calculation and optimization of thresholds for sets of software metrics, <i>Empirical Software Engineering</i> , 16(6), 2011, ISSN 1382-3256	1.27			
52	Telea, A. and Voinea, L. and Sassenburg, H Visual Tools for Software Architecture Understanding: A Stakeholder Perspective, <i>IEEE SOFTWARE</i> , 27(6), 2010, ISSN 0740-7459	1.15			
53	Makela S.; Leppanen V Client-based cohesion metrics for Java programs, <i>Science of Computer Programming</i> , 74(5-6), 2009, ISSN 0167-6423	0.98			
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55	Figueiredo, E. and Sant'Anna, C. and Garcia, A. and Lucena, C Applying and evaluating concernsensitive design heuristics, <i>Journal of Systems and Software, 85(2), 2012, ISSN 0164-1212</i>	0.74			
56	Khomh, F. and Vaucher, S. and Gueheneuc, Y.G. and Sahraoui, H BDTEX: A GQM-based Bayesian approach for the detection of antipatterns, <i>Journal of Systems and Software, 84(4), 2011, ISSN 0164-1212</i>	0.74			
57	Ferreira, K.A.M. and Bigonha, M.A.S. and Bigonha, R.S. and Mendes, L.F.O. and Almeida, H.C Identifying thresholds for object-oriented software metrics, <i>Journal of Systems and Software</i> , 85(2), 2012, ISSN 0164-1212	0.74			
58	Brichau J.; Kellens A.; Castro S.; et al Package Fingerprints: A visual summary of package interface usage, <i>Information and Software Technology, 52(12), 2010, ISSN 0950-5849</i>	0.75			
59	Telea, A. and Voinea, L Visual software analytics for the build optimization of large-scale software systems, <i>Computational Statistics 26(4)</i> , 2011	0.53			
60	Macia Bertran, I. and Garcia, A. and von Staa, A An exploratory study of code smells in evolving aspect-oriented systems, 10th International Conference on Aspect-Oriented Software Development (AOSD), 2011	0.50			

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61	Bertran, I.M Detecting architecturally-relevant code smells in evolving software systems, 33rd International Conference on Software Engineering (ICSE), 2011	0.50			
62	Olbrich, S.M. and Cruzes, D.S. and Sjoberg, D.I.K Are all code smells harmful? A study of God Classes and Brain Classes in the evolution of three open source systems, <i>International Conference on Software Maintenance (ICSM)</i> , 2010	0.50			
63	Olbrich, S. and Cruzes, D.S. and Basili, V. and Zazworka, N The evolution and impact of code smells: A case study of two open source systems, <i>3rd International Symposium on Empirical Software Engineering and Measurement (ESEM)</i> , 2009	0.50			
64	Macia, I. and Garcia, J. and Popescu, D. and Garcia, A. and Medvidovic, N. and von Staa, A Are automatically-detected code anomalies relevant to architectural modularity?: an exploratory analysis of evolving systems, 11th International Conference on Aspect-Oriented Software Development (AOSD), 2012	0.50			
65	Schumacher, J. and Zazworka, N. and Shull, F. and Seaman, C. and Shaw, M Building empirical support for automated code smell detection. <i>International Symposium on Empirical Software Engineering and Measurement (ESEM)</i> , 2010	0.50			
66	Boccuzzo, S. and Gall, H.C Automated comprehension tasks in software exploration, <i>International Conference on Automated Software Engineering (ASE)</i> , 2009	0.50			
67	Dragan, N. and Collard, M.L. and Maletic, J.I Automatic identification of class stereotypes, <i>International Conference on Software Maintenance (ICSM), 2010</i>	0.50			
68	Vasa, R. and Lumpe, M. and Branch, P. and Nierstrasz, O Comparative analysis of evolving software systems using the Gini coefficient, <i>International Conference on Software Maintenance (ICSM)</i> , 2009	0.50			
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77	Perin, F MooseJEE: A moose extension to enable the assessment of JEAs, <i>International Conference on Software Maintenance (ICSM), 2010</i>	0.50			
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79	De Souza, C.R.B. and Bentolila, D.L.M Automatic evaluation of API usability using complexity metrics and visualizations, 31rd International Conference on Software Engineering (ICSE), 2009	0.50			
80	Wettel, R Visual exploration of large-scale evolving software, 31rd International Conference on Software Engineering (ICSE), 2009	0.50			
81	Boccuzzo, S. and Gall, H.C Software visualization with audio supported cognitive glyphs, <i>International Conference on Software Maintenance (ICSM)</i> , 2008	0.50			
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84	Wachsmuth, G Metamodel adaptation and model co-adaptation, European Conference on Object-Oriented Programming (ECOOP), 2007	0.50			
85	Figueiredo, E. and Garcia, A. and Maia, M. and Ferreira, G. and Nunes, C. and Whittle, J On the impact of crosscutting concern projection on code measurement, 10th International Conference on Aspect-Oriented Software Development (AOSD), 2011	0.50			
86	Ducasse, S. and Pollet, D. and Suen, M. and Abdeen, H. and Alloui, I Package Surface Blueprints: Visually supporting the understanding of package relationships, <i>International Conference on Software Maintenance (ICSM)</i> , 2007	0.50			
87	Couto, C. and Montandon, J.E. and Silva, C. and Valente, M.T Static correspondence and correlation between field defects and warnings reported by a bug finding tool, <i>Software Quality Journal, ISSN 0963-9314</i> , 2012 (online first)	0.42			
88	Darmawan, N. and Chong, A.Y.L. and Ooi, K.B. and In, B Factor Strategy Model: Proofs of Prototype Concept for Software Quality Evaluation, <i>Journal of Computer Information Systems</i> 50(3), 2010, ISSN 0887-4417	0.37			
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94	Nierstrasz, O. and Girba, T Lessons in software evolution learned by listening to Smalltalk, SOFSEM: Theory and Practice of Computer Science, 2010	0.25			
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96	Broeksema, B. and Telea, A Visual support for porting large code bases, <i>Visualizing Software for Understanding and Analysis (VISSOFT)</i> , 2011	0.25			
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98	Byelas, H. and Telea, A Visualizing metrics on areas of interest in software architecture diagrams, <i>IEEE Pacific Visualization Symposium (PacificVis)</i> , 2009	0.25			
99	Vaucher, S. and Khomh, F. and Moha, N. and Gueheneuc, Y.G Tracking design smells: Lessons from a study of god classes, 16th Working Conference on Reverse Engineering (WCRE), 2009	0.25			
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