

DAFTAR PUSTAKA

- AI-Bajjari, A.L., dan Yuan, L., 2016, Research of Web Security Model based on Zero Knowledge Protocol, *2016 7th IEEE International Conference on Software Engineering and Service Science (ICSESS)*, IEEE, p 68-71.
- Anderson, Hansen, Lowry dan Summers, 2006, The Aplication of Model Checking for Securing E-Commerce Transactions, *Communications of the ACM*, June 2006, Vol. 49. No. 6.
- Aneja, N., dan Gambhir, S., 2014, Geo-Social Profile Matching Algorithm for Dynamic Interests in Ad-Hoc Social Network, *Scientific Research, Social Networking*, 2014, 3, 240-247.
- Behnia, A., Rashid, R.A., dan Chaudhry, J.A., 2012, A Survey of Information Security Risk Analysis Methods, *Smart Computing Review*, vol. 2, no. 1, February 2012 P.72-94.
- Bernik, I., dan Prislán, K., 2016, Measuring Information Security Performance, with 10 by 10 Model for Holistic State Evaluation, *PLOS ONE DOI: 10.1371/journal.pone.0163050*, <https://www.researchgate.net/publication/308487696>.
- Bornman, G., dan Labuschagne, L., 2004, A comparative framework for evaluating information security risk management methods, in *Proc. of the Information Security South Africa Conference, 2004*.
- Choudhary, R., dan Raghuvansi, A., 2012, Risk Assesment of a System Security on Fuzzy Logic, *International Journal of Scientific & Engineering Research*, Vol. 3, Issue 12, Desember-2012.
- Duan, Y., Cai, Y., Wang, Z., and Deng, X., 2018, A Novel Network Security Risk Assessment Approach by Combining Subjective and Objective Weights under Uncertainty, *MDPI Appl. Sci.* 8, 428; doi:10.3390/app8030428, www.mdpi.com/journal/applsci
- Elky, 2007, *An Introduction to Information System Risk Management*, SANS Institute InfoSec Reading Room. copyright©SANS Institute 2007
- Elssied, N.O.F.C., Zu'bi, O., dan Alaziz, A., 2011, Review of Fuzzy Mechanism for E-Government Security, *International Journal of Computer Application (IJCA)*, Vol. 34-No. 7, November 20011, p.16-22
- Firesmith, D.G., 2005, A Taxonomy of Security-Related Equireements, *International Workshop on High Assurance Systems*.
- Garc, L., 2007, Weighting Individual Opinions in Group Decision Making, pp.92–103. <http://www.eco.uva.es/lapresta/MDAI-ver.pdf>
- Garcia, J. L., Alvarado, A., Blanco, J., Jimenez, E., Maldonado, A. A., & Cortes, G. (2014). Multi-attribute evaluation and selection of sites for agricultural product warehouses based on an Analytic Hierarchy Process. *Computers*

and Electronics in Agriculture, vol. 100, pp. 60-69.
<https://doi.org/10.1016/j.compag.2013.10.009>

- Garfinkel, S., 1995, *PGP: Pretty Good Privacy*, O'Reilly & Associates. Inc.
- Gehrmann, M., 2012, Combining ITIL, COBIT and ISO/IEC 27002 for Structure Comprehensive Information Technology fo Management in Organization, *Naus-Revista de Gestao e Tecnologia Florianopolis*, SC, v.2, n.2, p.66-77.
- Gollmann, D., 2011, *Computer security third edition*, John Wiley & Sons, Ltd.
- Guruprasath, B., Dinesh, B., Raman, R.K., dan Riswan, S.M., 2017. Unique User Identification across Multiple Social Networks. *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*, Volume 5 Issue III, March 2017, p.720-723.
- Hao, W., Ze-Hua, G., Guo-an, Z., Feng, G., dan Nan, W., 2009, Universal Design of Web Security Based on AOP, *2009 International Symposium on Computer Network and Multimedia Technology*, IEEE.
- Hasan, R.G., dan Khalifa, O.O., 2016, E-Government an Information Security Perspective, *International Journal of Computer Trends and Technology (IJCTT)*, Vol 36, No.1, June 2016.
- Hussain, S., Erwin, H., dan Dunne, P., 2011, Threat modeling using Formal Methods: A New Approach to Develop Secure Web Applications, *2011 7th International Conference on Emerging Technologies*, IEEE.
- Ihmouda, R., Alwi, N.H.M., dan Abdullah, I., 2014, A Systematic Review on E-Government Security Aspects, *International Journal of Enchanced Research in Management & Computer Applications*, Vol.3, Issue 6, June 2014, p.60-67.
- ISO/IEC 27002:2005, Information technology – Security techniques - Code of practice for information security management, http://www.iso.org/iso/support/faqs/faqs_widely_used_standards/widely_used_standards_other/information_security.htm, 2005, accessed on 12/06/2017.
- Issasalwe dan Ahmed, 2011, Risk Management of an Information System by Assessing Threat, Vulnerability and Countermeasure, *International Journal of research and Reviews in Computer Sciens (IJRRCS)*, Vol. 2 No. 1, March 2011.
- John D., H., 1997, An Analysis of Security Incidents on The Internet 1989-1995, *PhD Thesis*, Engineering and Public Policy, Carnegie Mellon University.
- Joshi, A., dan Sodhi, J.S., 2013, Attributes Similarities Supports Profile Matching in Social Network, *International Journal of Engineering Sciences & Emerging Technologies*, Volume 6, Issue 3, pp: 368-372.
- Kadhirvelan, S.P., dan Rivkin, A.S., 2014, *Threat Modelling and Risk Assessment*, Department of Computer Science and Engineering Gothenburg, Sweden August 2014.

- Kulkarni, C.C., dan Kulkarni, S.A., 2013, Human Agent Knowledge Transfer Applied to Web Security, *4th ICCCNT - July 4 - 6*, Tiruchengode, India, IEEE – 31661.
- Kurnianda, N. R., Kusdaryono, A., and Moedjiono, 2016, Decision Support Model for User Submission Approval Energy Partners Candidate Using Profile Matching Method and Analytical Hierarchy Process. *Scientific Journal of Informatics*, 3(2), 99-108
- Kusrini. 2007. *Konsep Dan Aplikasi Sistem Pendukung Keputusan*. Andi, Yogyakarta
- Kusumadewi, S., Hartati, S., Harjoko, A. dan Wardoyo, R., 2006, *Fuzzy Multi Attribute Decision Making 1st edition*, Yogyakarta: Graha Ilmu Press.
- Lee, M.C., 2014, Information Security Risk Analysis Methods and Research Trends: AHP and Fuzzy Comprehensive Method, *International Journal of Computer Science & Information Technology (IJCSIT)*, Vol 6, No1, February 2014.
- Lee, D.K., In, J., and Lee, S., 2015, Standard Deviation and Standard Error of the Mean, *Korean J Anesthesiol*, June, 68(3): 220-223
- Lu, W., Liang, C. dan Ding, Y., 2008, A Method for Determining the Objective Weights of Experts Based on Evidence Similarity in Group Decision-making. *2008 4th International Conference on Wireless Communications, Networking and Mobile Computing, IEEE*. pp.1–4.
- Ma, K., dan Song, C., 2008, Research on a Web Security Service System Structure Model, *International Conference on Advanced Computer Theory and Engineering*, IEEE, p.884-887.
- Malindzakova, M., and Puskas, D., 2018, The AHP method implementation for ERP software selection with regard to the data protection criteria, *TEM Journal*. Volume 7, Issue 3, pp.607-611, ISSN 2217-8309, DOI: 10.18421/TEM73-17.
- Mantra, IGN., Alaydrus, M., dan Misni, H.M., 2016, The web security and vulnerability analysis model on Indonesia Higher Education Institution, *International Conference on Informatics and Computing (ICIC)*, IEEE.
- McEvoy dan Whitcombe, 2002, Structured Risk Analysis, *International conference on infrastructure security, Bristol, Springer, Berlin, ALLEMAGNE* vol. 2437, pp. 88-103 ISBN 3-540-44309-6.
- Meier, J.D. dkk., 2003, *Improving Web Application Security: Threats and Countermeasures*. Microsoft Corporation.
- Nisha, V.K., Aliyar, L., dan Ali, A., 2010, An Overview of Cryptographic Solutions to Web Security, *2010 IEEE International Conference on Computational Intelligence and Computing Research*, IEEE.
- Obaidat dan Boudriga, 2007, *Security of e-Systems and Computer Networks*, Cambridge University Press.

- Osman, A.M., Dafa-Allah, A., dan Elhag, A.A.M., 2017, Proposed Security Model for Web Based Applications and Services: Access control, Cryptography, Cookies and Session Management, *International Conference on Communication, Control, Computing and Electronics Engineering (ICCCCEE)*, Khartoum, Sudan, IEEE.
- Oztaysi, B., 2014, A Decision Model for Information Technology Selection using AHP Integrated TOPSIS-Grey: The Case of Content Management Systems. *Knowledge-Based Systems*, 70, pp.44-54.
- Rahimdel, M. J., and Ataei, M., 2014, Application of Analytical Hierarchy Process to Selection of Primary Crusher, *International Journal of Mining Science and Tehnology*, Vol. 24, Hal. 519-523.
- Rahmanita, E., Prastiti, N., dan Jazari, I., 2018, Penggunaan Metode AHP dan FAHP dalam Pengukuran Kualitas Keamanan Website E-Commerce, *Jurnal Teknologi Informasi dan Ilmu Komputer (JTIK)*, Vol. 5, No. 3, DOI: 10.25126/jtiik.201853816, hlm. 371-380 p-ISSN: 2355-7699 Akreditasi KEMENRISTEKDIKTI, No. 51/E/KPT/2017 e-ISSN: 2528-6579 371.
- Ranius, A. Y., 2015. Sistem Pendukung Keputusan Penentuan Destinasi Wisata Unggulan di Kota Palembang. *Seminar Nasional Inovasi dan Tren (SNIT)*, pp.50-55.
- Rao, K.R., 2015, Profile Matching Using Secure –Privacy Distributed Method In Mobile Social Networks, *International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) ISSN: 0976-1353 Volume 17 Issue 1, 41*
- Rao, K.R.M., dan Pant, D., 2010, A Threat Risk Modeling Framework for Geospatial Weather Information System (GWIS): a DREAD based study, *International Journal of Advanced Computer Science and Applications (IJACSA)*, Vol. 1, No. 3.
- Saaty, R.W., 1987, The Analytic Hierarchy Process-What it is and how it is used, *Mathematical Modelling*, 9(3-5), pp.161-176
- Saaty, T.L., dan Vargas, L.G., 1984, Comparison of eigenvalue, logarithmic least square and least squares methods in estimating ratios, *Mathematical Modeling*, 5(5), PP.309-324.
- Salman, A.O., Ghassan, H., Abdul-Majeed, dan Ismaeel, Z.T., 2012. Evaluation of Eletronic Government Security Issues Applied to Computer Center of Baghdad University (Case Study), *Journal of Engineering*, Vol.2, No.3.
- Shameli-Sendi, A., Aghababaei-Barzegar, R., dan Cheriet, M., 2016, Taxonomy of Information Security Risk Assesment (ISRA), *Jounal of Computers & Security-Elsevier*.
- Singh, A.A., dan Singh, K.S., 2012, Network Threat Ratings in Conventional DREAD Model UsingFuzzy Logic, *International Journal of Computer*

Science Issues (IJCSI), Vol. 9, Issue 1, No 3, January 2012 ISSN (Online): 1694-0814.

- Sodiya, A.S., Onashoga, S.A., dan Oladunjoye, B.A., 2007, Threat Modeling Using Fuzzy Logic Paradigm, *issues in Informing Science and Information Technology*, Volume 4.
- Sonia, Singhal, A., dan Banati, 2011, Fuzzy Logic Approach for Threat Prioritization in Agile Security Framework using DREAD Model, *International Journal of Computer Science Issues (IJCSI)*, Vol. 8, Issue 4, No 1, July 2011 ISSN (Online): 1694-0814.
- Sravani, M., Mallareddy, A., dan Satyanarayana, I., 2015, A Novel Profile Matching Scheme in Mobile Social Networks using Implicit Comparison Based Matching Protocol, *International Journal of Advanced Research in Computer Science and Software Engineering*, Volume 5, Issue 1, pp.714-717.
- Stallings, W., 1995, *Network and Internetwork Security*. Prentice Hall.
- Tharo, Z., dan Utama Siahaan, A.P., 2016. Profile Matching in Solving Rank Problem, *IOSR Journal of Electronics and Communication Engineering*, 11(05), hal 73-76, <https://doi.org/10.9790/2834-1105017376>.
- Turban, E., E. Aronson, J. dan Liang, T.P. (2007). Decision Support System and Business Intelligence. Decision Support and Business Intelligence Systems, 7/E. <https://doi.org/10.1017/CBO9781107415324.004>
- Wang, R., Xu, Y., dan Xiang, Y., 2010, Research and Realization of WEB Security auto-Testing Tool Based on AHP, *2010 International Conference on Computational Intelligence and Software Engineering*, IEEE.
- Wang, W., Hidvegi, Z., dan Bailey, 2002, A. E-process Design and Assurance using Model Checking. *IEEE Computer*, 33, 48-53.
- Wang, Z., 2010, An Adjustment Method of Experts Weights in Group Decision., pp.1–5.
- Yager, R.R., 2004, *Uncertainty Modeling and Decision support*. Reliability Engineering & System Safety, 85(1-3), pp.341–354.
- Yu, Y., Yang, Y., Gu, J., dan Shen, L., 2011, Analysis and Suggestions for the Security of Web Applications, *International Conference on Computer Science and Network Technology*, IEEE, p 236-240.
- Yusuf, S.E. dkk., 2016, Security Modelling and Analysis of Dynamic Enterprise Networks, *IEEE International Conference on Computer and Information Technology*, IEEE.
- Zhao, Q., dan Qin, S., 2008, Study on Security of Web-based Database, *IEEE Pacific-Asia Workshop on Computational Intelligence and Industrial Application*, IEEE, P.902-905.

Zu'bi, M.H., dan Al-Onizat, H.H., 2012, E-Government and Security Requirements for Information Systems and Privacy (Performance Linkage), *Journal of Management Research*, Vol.4, No.4