## REFERENCES

- [1] F. Adachi," Wireless Past and Future Evolving mobile communications systems," IEICE Trans. Fundamentals, pp. 55–60, 2001.
- [2] D.J. Deng and H.C. Yen," Quality-of-Service provisioning system for multimedia transmission in IEEE 802.11 wireless LANs," IEEE Journal on Selected Areas in Communications, vol. 23, issue 6, pp. 1240–1252, 2005.
- [3] Chung-Kuo-Chang," A Mobile –IP Based mobility system for wireless metropolitan area networks," in Proc. of IEEE ICPPW'05 conf., pp. 429-435, 2005.
- [4] IEEE LAN/MAN Standards Committee. "IEEE Standard for local and metropolitan area networks Part 16: Air interface for fixed and mobile broadband wireless access systems amendment 2: Physical and medium access control layers for combined fixed and mobile operation in licensed bands and corrigendum 1," IEEE Std 802.16-2004/Cor 1-2005 (2006).
- [5] R. Berezdivin, R. Brenig and R. Topp.," Next generation wireless communications concepts and technologies," IEEE Communications Magazine, vol. 4, issue 3, pp. 49-55, 2002.
- [6] I. F. Akyildiz, Jiang Xie and S. Mohanty," A survey of mobility management in next generation all-IP-based wireless systems," Wireless Communications, IEEE, vol. 11, pp.16-28, 2004.
- [7] C. Chi, X. Cai, R. Hao, and F. Liu," Modeling and analysis of handover algorithms," in proc. of the 2007 IEEE Global Telecommunications Conference (GLOBECOM'07), November 2007, pp. 4473–4477.
- [8] N. Nasser, A. Hasswa, and H. Hassanein," Handoffs in fourth generation heterogeneous networks" IEEE Communications Magazine, vol. 44, issue 10, pp.96–103, 2006.
- [9] A. Sgora, Christos A. Gizelis, Dimitrios D. Vergados," Network selection in a WiMAX–WiFi environment" Pervasive and Mobile Computing, vol. 7, issue 5, pp. 584–594, 2011.
- [10] T. Gwo-Hshiung and H. Jih-Jeng, Multiple Attribute Decision Making: Methods and Applications. Taylor & Francis, 2011.
- [11] T. L. Saaty "Decision Making for Leaders: The Analytic hierarchy process for decisions in a complex world", RWS Publications, 1988.
- [12] L. Mohamed, C. Leghris, A. Abdellah," A Survey and comparison study on weighting algorithms for access network selection," 9th Annual Conference on Wireless On-Demand Network Systems and Services (WONS), 2012, pp. 35-38.

- [13] M. Gudmunson" Analysis of handover algorithms" Proc. IEEE 41th veh. Technol. Conf. 1991, pp. 537-542.
- [14] R.Vijayan, J. Holtzman," A model for analyzing handoff algorithms", IEEE Trans. Veh. Technol. Vol. 42, pp. 351-356, 1991.
- [15] M. Zonoozi, P. Dassanayake and M. Faulkner," Optimum hysteresis level, signal averaging time and handover delay" Proc. IEEE Veh. Tech.Conf, pp. 310-313, 1997.
- [16] Chi Harold Liu, Athanasios Gkelias, Yun Hou, Kin K. Leung," Cross-layer design for QoS in wireless mesh networks", Wireless Pers Commun, vol. 51, issue 3, pp. 593-613, 2009.
- [17] Lijun Chen, Steven H. Low, John C. Doyle," Cross-layer design in multihop wireless networks", Computer Networks, vol. 55, issue 2, pp. 480-496, 2011.
- [18] Qi Wang, Mosa Mi Abu-Rgheff," A Multi-layer mobility management architecture using cross-layer signaling interactions", in proc. of EPMCC, 2003, pp. 237-241.
- [19] Li, Mingxin, Shanzhi Chen, and Yuhong Li, "A cross-layer based on share database mobility management architecture in heterogeneous networks", in proc. of WICOM,2007, pp. 1869-1872.
- [20] IEEE 802.21. Media Independent Handover Services. IEEE Standard http://www.ieee802.org/21/.
- [21] K. Taniuchi, T. Corporation," IEEE 802.21: Media Independent Handover: features, applicability, and realization" IEEE Communications Magazine, 2009, vol. 47, pp. 112-120.
- [22] Moon Kim, Tae-wook Moon, Sung-Joon Cho," A study on IEEE802.21MIH frameworks in next generation wireless networks" in proc. of ICACT'2009, vol. 01, 2009, pp. 242 246.
- [23] Mhatre, V., Papagiannaki, K," Using smart triggers for improved user performance in 802.11 wireless networks" in proc. of ACM Mobisys'06, 2006, pp. 246–259.
- [24] I. F. Akyildiz, W. Wang," A dynamic location management scheme for next-generation multitier PCS systems," IEEE Transactions on wireless communications, vol. 1, issue 1, 2002, pp. 1178–189.
- [25] Uthman Baroudi, Faisal Al-naseer," Performance evaluation study on a multiple parameter handoff algorithm," in proc. of ICOIN 2011, pp. 273-277.
- [26] Jukka Manner et al.," Evaluation of mobility and QoS interaction," Computer Networks, vol. 38, issue 2, 2002, pp. 137-163.

- [27] Stenio Fernandes, Ahmed Karmouch," Vertical mobility management architecture in wireless networks: A comprehensive survey and future directions," IEEE communication surveys and tutorials, vol. 14, issue.1, pp. 45-63, 2012.
- [28] Meriem Kassar, Brigitte Kervella, Guy Pujolle," An overview of vertical handover decision strategies in heterogeneous wireless networks," Computer Communications, pp. 2607–2620, 2008.
- [29] Brahmjit Singh, Shakti Kumar, K K Aggarwal, "Handover initiation control techniques in mobile cellular systems," IETE Technical Review, vol. 20, pp. 13-21, 2003.
- [30] P.S.Kumar and J. Holtzman," Analysis of handoff algorithms using both bit error rate and relative signal strength," in proc. 3<sup>rd</sup> Annu. Int. Conf. Universal Personal Communications, 1994, pp. 1-5.
- [31] Celal Ceken. et al.," Interference aware vertical handoff decision algorithm for quality of service support in wireless heterogeneous networks" Computer Networks, vol. 54, issue 5, pp. 726-740, 2010.
- [32] N. P. Singh and Brahmjit Singh," Improved vertical handover decision algorithm for UMTS-WLAN," International Journal of Future Generation Communication and Networking, vol. 4, issue 4, pp. 113-123, 2011.
- [33] Ken Ichi Itoh," Performance of handoff algorithm based on distance and RSSI measurements," IEEE Trans. Veh. Tech., vol. 51, pp. 1460-1468, 2002.
- [34] Brahmjit Singh," An improved handover algorithm based on signal strength plus distance for interoperability in mobile cellular networks," Wireless Pers Commun. vol. 43, pp. 879–887, 2007.
- [35] Brahmjit Singh," Hard handover performance evaluation through link drops," in proc. of IEEE conf. ICSCN-2007, pp. 459-463.
- [36] Wang S. S., Rajendran A. and Wylie-Green M.," Adaptive handoff method using location information," in proc. of the IEEE intern. sympo. on pers, indoor and mobile radio comm.,2001, pp. 43-47.
- [37] Zahran A. H., Liang B., Saleh A., "Signal threshold adaptation for vertical handoff in heterogeneous wireless networks," Mobile Networks and Applications, vol. 11, issue 4, pp. 625–640, 2006.
- [38] Caiyong Hao, Hongli Liu, Jie Zhan," A velocity-adaptive handover scheme for mobile WiMAX", Int. J. communications, network and system sciences, vol. 2, pp. 874-878, 2009.

- [39] Ramjee, R., et al.," A domain-based approach for supporting mobility in widearea wireless networks," IEEE Transactions on Networking, vol. 10, issue 3, pp. 396-410, 2002.
- [40] Yong-Hoon Choi," Mobility management of IEEE 802.16e networks," IJCSNS, vol. 8, issue 2, pp. 89-93, 2008.
- [41] Mohammed Awadh Ben Mubarak," Review of handover mechanisms to support triple play in mobile WiMAX" IETE Technical review, vol. 26, issue 4, pp. 258-267, 2009.
- [42] S.Choi, et,al.," Fast handover scheme for real time downlink services in IEEE 802.16e BWA system" in proc. IEEE veh. tech. conf., vol 3, 2005, pp. 2028-32.
- [43] J.Chen, C. Wang, J.lee," Pre-coordinate mechanism for fast handover in WiMAX networks," in proc. of IEEE (Aus wireless 2007), 2007, pp. 27-30.
- [44] W.Jiao, P Jiang, Y.Ma," Fast handover scheme for real time applications in mobile WiMAX," in proc. of IEEE conf. ICC'07, 2007, pp. 6038-42.
- [45] J.Yeh, J.Chen, P. Aggarwal,"Fast Intra-network and Cross Layer Handover (FINCH) for WiMAX and mobile internet," IEEE transactions on mobile computing, vol. 8, issue 4, pp.558-574, 2009.
- [46] Azita Laily Yusof, et al.," Handover initiation across heterogeneous access networks for next generation cellular network," IEEE symp. on wireless technology and applications, 2011, pp. 78-83.
- [47] Marc Emmelmann,et al.," Moving toward seamless mobility: state of the art and emerging aspects in standardization bodies," Wirel. Pers. Commun, vol. 43, pp. 803–816, 2007.
- [48] Yejee Lee, Bongjhin Shin, Jaechan Lim, and Daehyoung Hong," Effects of time-to-trigger parameter on handover performance in SON-based LTE systems," in proc. of 16th Asia-Pacific Conference on Communications (APCC), 2010, pp. 492-496.
- [49] N. P. Singh, Brahmjit Singh," Impact of L2 triggering time on handover performance for 4G wireless networks" Wireless Pers Commun, vol. 68, issue 3, pp. 727-746, 2011.
- [50] Brahmjit Singh, "Outage probability analysis in soft handover for 3G wireless networks" 3G and Beyond, 6th IEEE International Conference on, 2005. pp. 1 5.
- [51] L. Eastwood, S. Migaldi, Qiaobing Xie, V. Gupta," Mobility using IEEE 802.21 in a heterogeneous IEEE 802.16/802.11-based, IMT-advanced (4G) network," IEEE Wireless Communications, vol. 15, pp. 26-34, 2008.

- [52] Teodor Buburuzan," Performance evaluation of a handover model for integrating mobile broadcast technologies within heterogeneous networks," The 13th IEEE Int. symp. ISCE, 2009, pp. 603-607.
- [53] Tan Min, Tian lin, Kang Jianchu," A seamless handoff approach of mobile IP based on dual link," in proc. of Intern. Conf. on Wireless Internet, 2005, pp. 56-63.
- [54] George K Kalebaila, Anthony H Chan," Advanced mobility support in next-generation all-ip wireless networks: a cross-layer approach part I," The 17th annual IEEE Int. symp. on PIMRC'06, 2006, pp. 1-5.
- [55] Markus Luoto and Tiia Sutinen," Cross-layer enhanced mobility management in heterogeneous networks" in proc. of IEEE conf. ICC 2008, pp. 2277-2281.
- [56] Massimo Bernaschi, Filippo Cacace," Vertical handoff performance in heterogeneous networks" in proc. of IEEE conf. ICPPW'04, pp. 125-174.
- [57] Jukka Makel," Towards seamless mobility support with cross-layer triggering", The 18th Annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC'07), 2007, pp. 1-5.
- [58] Sang-Jo Yoo, David Cypher, Nada Golmie, "Timely effective handover mechanism in heterogeneous wireless networks," Wireless Pers Commun, 2010, vol. 52, pp. 449–475.
- [59] Chi Ma, Enda Fallon, Yansong Qiao, "VOSHM A velocity optimized seamless handover mechanism for WiMAX networks," 9th. IT & T Conference, 2009.
- [60] Xiaohuan Yan, Nallasamy Mani, Y. Ahmet S, "A traveling distance prediction based method to minimize unnecessary handovers from cellular networks to WLANs," IEEE Communications Letters, vol. 12, issue 1, pp. 14-16, 2008.
- [61] Cheng-Shong Wu, Yan-San Chu, Chia-Hung Fang," The periodic scan and velocity decision handover scheme for next generation femtocell/macrocell overlay networks," ICT Convergence (ICTC), 2013 International conf., 2013, pp. 201–206.
- [62] S. F. Chien et al.," Smart predictive trigger for effective handover in wireless networks," in proc. of IEEE conf. ICC'08, 2008, pp. 2175-2181.
- [63] Stefan Michaelis Christian Wietfeld," Comparison of user mobility pattern prediction algorithms to increase handover trigger accuracy," in proc. of IEEE conf. VTC'06, 2006, pp. 952-956.
- [64] Pablo Muñoz, Raquel Barco, and Isabel de la Bandera," On the potential of handover parameter optimization for self-organizing networks," IEEE transactions on veh. tech., vol. 62, issue. 5, pp. 1895-1905, 2013.

- [65] Humphrey Rutagemwa, Sangheon Pack," Robust cross-layer design of wireless-profiled TCP mobile receiver for vertical handover," IEEE transactions on veh. tech., vol. 56, issue 6, pp. 3899-3911, 2007.
- [66] Michele Luglio," Cross-layer architecture for a satellite—Wi-Fi efficient handover," IEEE transactions on veh. tech., vol. 58, issue 6, pp. 2990-3001, 2009.
- [67] Miao Xiong, Jiannong Cao, Jun Zhang, "Context-aware mechanism for IEEE 802.21 media independent handover," in proc. of 20th International Conference on Computer Communications and Networks (ICCCN), 2011, pp. 1 6.
- [68] Malki, K. E. et al.," Low latency handover in Mobile IPv4," Internet Draft, IETF, June 2007.
- [69] S. Mohanty, I. F. Akyildiz," A cross-layer (layer 2 + 3) handover management protocol for next-generation wireless systems," IEEE Transactions on Mobile Computing, vol. 5, issue 10, pp. 1347–1360, 2006.
- [70] Weiyi Zhao and Jiang Xie," Inter-gateway Cross-layer handoffs in wireless mesh networks," in proc. of IEEE conf. GLOBECOM, 2009, pp. 1-6.
- [71] Yuliang Tang, Jie Li, Yan Yao," A Cross-layer handover management scheme for SIP-based VoWLAN" in proc. of 4th International Conference on Computer Science & Education, 2009, pp. 425-428.
- [72] Thazin Ei, Wang Furong," Cross-layer handoff management algorithm on heterogeneous wireless networks" Information Technology Journal, vol. 7, issue 5, pp. 820-824, 2008.
- [73] Debabrata Sarddar et.al.," Minimization of handoff failure probability for next-generation wireless systems" International Journal of Next-Generation Networks, vol.2, issue 2, 2010.
- [74] Jilei Yan, Linjing Zhao, Jiandong Li, "A prediction-based handover trigger time selection strategy in varying network overlapping environment," in proc. of IEEE conf VTC, 2011, pp. 1-5.
- [75] Enrique Stevens-Navarro, Vincent W.S. Wong," Comparison between vertical handoff decision algorithms for heterogeneous wireless networks," in proc. of IEEE conf., VTC, 2009, pp. 947-951.
- [76] Linoh A, Magagula and H. Anthony Chan, "IEEE802.21-assisted cross-layer design and PMIPv6 mobility management framework for next generation wireless networks" IEEE International conference on wireless & mobile computing, networking & communication, 2008, pp. 159-164.
- [77] Manpreet Singh, et al.," Fuzzy logic based handoff in wireless networks," in proc. of VTC, 2000, pp. 2375-2379.

- [78] Joanne Mun-yee Lim, Chee-onn Chow," Smart handover based on fuzzy logic trend in IEEE 802.11 mobile IPv6 networks", International journal of wireless & mobile networks, Vol. 4 Issue 2, 2012, pp 217-234.
- [79] Yaw Nkansah, J. I Agbinya," Vertical handoff decision algorithms using fuzzy logic," in proc. of 2006 Auswireless conference.
- [80] Fu Jiadi, Ji Hong, Li Xi," User-adaptive vertical handover scheme based on MIH for heterogeneous wireless networks," 5<sup>th</sup> Int. conf. WiCom'09, 2009, pp. 1-4.
- [81] Thanachai Thumthawatworn, Anjum Pervez, Pratit Santiprabhob," Modular handover decision system based on fuzzy logic for wireless networks," ECTI-CON, 2011, pp. 385-388.
- [82] Christina Werner, Jens Voigt, Shahid Khattak, Gerhard Fettweis," Handover parameter optimization in WCDMA using fuzzy controlling", PIMRC'07, 2007, pp. 1-5.
- [83] George Edwardsa, Abraham Kandel b, Ravi Sankar," Fuzzy handover algorithms for wireless communication" Fuzzy Sets and Systems, vol. 110, issue 3, pp. 379-388.
- [84] Jindong Hou and Dominic C. O'Brien," Vertical handover decision-making algorithm using fuzzy logic for the integrated radio-and-OW system" IEEE transactions on wireless communications, vol. 5, issue 1, 2006.
- [85] Hung-Tso Lin \*, Wen-Ling Chang," Order selection and pricing methods using flexible quantity and fuzzy approach for buyer evaluation" European Journal of Operational Research, vol. 187, 2008, pp. 415–428.
- [86] Wenhui Zhang," Handover decision using fuzzy MADM in heterogeneous networks" Wireless Communications and Networking Conference, WCNC, vol. 2, 2004, pp. 653-658.
- [87] P.M.L. Chan, R.E. Sheriff, Y.F. Hu," An intelligent handover strategy for a multi-segment broadband network," 12th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, vol. 1, 2001, pp. 55-59.
- [88] Mohammed M. Alkhawlani, et al.," Multi-criteria vertical handover by topsis and fuzzy logic," International Conference on Communications and Information Technology (ICCIT), 2011, pp. 96-102.
- [89] Shin-Hun Kang, Jae-Hyun Kim," QoS-aware network selection for seamless multimedia service" IEEE International symposium on circuits and systems (ISCAS), 2012, pp. 544 547.
- [90] Ali Çalhan, Celal Çeken," An optimum vertical handoff decision algorithm based on adaptive fuzzy logic and genetic algorithm" Wireless Pers Commun., vol. 64, issue 4, pp. 647–664, 2012.

- [91] Peyman TalebiFard, Victor C.M Leung," A dynamic context-aware access network selection for handover in heterogeneous network environments," IEEE conference on computer communications workshops (INFOCOM WKSHPS), 2012, pp. 385 390.
- [92] Shi Zheng 1, Zhu Qi," Network selection based on multiple attribute decision making and group decision making for heterogeneous wireless networks" The Journal of China Universities of Posts and Telecommunications, vol. 19, issue 5, pp. 92-98, 2012.
- [93] Ioannis Chamodrakas, Drakoulis Martakos," A utility-based fuzzy TOPSIS method for energy efficient network selection in heterogeneous wireless networks" Applied Soft Computing, vol. 12, pp. 1929–1938, 2012.
- [94] Liu Sheng-mei, et. Al," An Improved TOPSIS Vertical Handoff Algorithm for Heterogeneous Wireless Networks" 12th IEEE International Conference on Communication Technology (ICCT), 2012, pp. 750 754.
- [95] Rajiv Verma, N.P. Singh," GRA based network seletion in heterogeneous wireless networks" Wireless Personal Communications, 2013, vol. 72, pp. 1437-1452.
- [96] Ling-Jyh Chen et al.,"A smart decision model for vertical handoff" in proc. of ANWIRE, vol. 4, 2004, pp. 1-5.
- [97] Chiew Foong Kwong, Teong Chee Chuah and Sze Wei Lee," Adaptive Network Fuzzy Inference System (ANFIS) handoff algorithm," International Journal of Network and Mobile Technologies, vol. 1, issue 2, 2010, pp. 54-59.
- [98] Andrew T Campbell et al., "Comparison of IP micro-mobility protocols" IEEE wireless communication magazine, vol. 9, issue 1, pp. 72-82, Feb 2002.
- [99] Charles E.Perkins, "Mobile IP", IEEE Communications Magazines, vol. 35, issue 5, pp. 84-99, May 1997.
- [100] Claude Castellucia," HMIPv6: A Hierachical Mobile IPv6 proposal", Mobile Computing and Communications Review, vol. 4 issue 1, 2000, pp. 48-59.
- [101] George K Kalebaila Anthony H Chan," Advanced mobility support in next-generation all-IP wireless networks: A cross-layer approach –part I", The 17th Annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC'06), pp. 1-5, 2006.
- [102] Ilorenc Cerda, Fabio Vena, Olga Casals," Study of TCP dynamics over wireless networks with micromobility support using the ns simulator," Wireless Networks, vol. 10, pp. 17-27, 2004.

- [103] Sherali Zeadally and Farhan Siddiqui," An empirical analysis of handoff performance for SIP, Mobile IP, and SCTP Protocols," Wireless Personal Communications, 2007, vol. 43, pp. 589–603.
- [104] Ronny Yongho Kim, et al.," Advanced handover schemes in IMT-Advanced system" IEEE Communications Magazine, vol. 48, issue 8, pp. 78-85, August 2010.
- [105] Rui Prior, Susana Sargento," SIP and MIPv6: Cross-Layer Mobility," IEEE Symposium ISCC'07, pp. 311-318, 2007.
- [106] Lifeng Le, Gang Li, "Cross-layer mobility management based on Mobile IP and SIP in IMS," Int. conf. WiCom 2007, pp. 803-806, Sep, 2007.
- [107] R.-C. Wang, R.-S. Chang," Cross-layer binding update for TCP performance enhancement over Mobile IPv6 networks", IET Communications, 2007, vol. 1, issue 5, pp. 924–932.
- [108] Xavier perez Costa, Hannes Hartenstein," A simulation study on the performance of mobile IPv6 in a WLAN-based cellular network", Computer Networks, vol. 40, pp. 191-204, 2002.
- [109] Nicolas Montavont, Thomas Noel," Analysis and evaluation of mobile IPv6 handovers over wireless LAN" Mobile Networks and Applications, vol. 8, pp. 643-653, 2003.
- [110] Yilin Song,et al.," Handover latency of predictive FMIPv6 in IEEE 802.11 WLANs: A Cross Layer Perspective," Computer Communications and Networks, 2009. ICCCN 2009. Proceedings of 18th International Conference on, 2009, pp. 1-6.
- [111] Min Kim, et al.," Cross-layer based Fast handover Mechanism for seamless macro-mobility support in WiBro Networks," Information Networking, 2008. ICOIN 2008. International Conference on , Jan 2008, pp. 1-5.
- [112] Youn-Hee Han, et al.," A Cross-layering design for IPv6 fast handover support in an IEEE 802.16e wireless MAN", IEEE Network, November/December 2007, pp. 54-62.
- [113] Yen-Wen Chen, Fu-Yia Hsieh," A cross layer design for handoff in 802.16e network with IPv6 mobility", IEEE conf. WCNC'07, 2007, pp. 3844-3849.
- [114] Jaeho Jo, Jinsung Cho," Cross-Layer Optimized Vertical handover Schemes between Mobile WiMAX and 3G Networks," KSII Transactions on Internet and Information Systems, vol. 2, issue 4, pp. 171-183, August 2008.
- [115] Mihai Constantinescu et. al," WiMAX handover conditions evaluation towards enhancement through cross-layer interaction," 6th advanced international conference on telecommunications, May 2010, pp. 422-427.

- [116] Yi Zheng, et al.," A cross-layer scheme for handover in 802.16e network with F-HMIPv6 Mobility" Communications and Network, vol. 1, issue 1, pp. 35-41, 2009.
- [117] Jui-Hung Yeh, Jyh-Cheng Chen, Prathima Agrawal," Fast Intra-Network and Cross-Layer handover (FINCH) for WiMAX and mobile Internet," IEEE Transactions on Mobile Computing, vol. 8, issue 4, pp. 558-574, 2009.
- [118] Lebajoa A. Mphatsi, Olabisi E. Falowo," A cross-layer approach to optimize proxy mobile IPv6 handovers performance," IEEE 23rd International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), 2012, pp. 1418-1423.
- [119] Ting Zhou, et al.," A cross Layer parallel handover optimization scheme for WiMAX Network" in proc. of MILCOM 2011, pp. 699-704.
- [120] Yilin Song, et al.," PCLF: A practical cross layer fast handover mechanism in IEEE 802.11 WLANs" IEEE conf. ICC, May 2010, pp. 1-5.
- [121] Hancheng Lu, Xiaolei Tie, Peilin Hong," A Novel Buffer Mechanism for Fast handovers in Mobile IPv6", IFIP int. conf. WOCN'07, 2007, pp. 1-5.
- [122] Rajiv Chakravorty et al.," Performance issues with vertical handoversexperiences from GPRS cellular and WLAN hot spots integration"
- [123] Hosame Abu-Amara et al.," Efficient roaming over heterogeneous wireless networks," in proc. of IEEE annual conf. PerCom 2004, 2004, pp. 155-164.
- [124] Rong-Jyh Kang Hsung-Pin Chang, Ruei-Chuan Chang,"A seamless vertical handoff scheme" in proc. of int. conf. Wireless Internet 2005, July 2005, pp. 64-71.
- [125] Hector Velayos and Gunnar Karlsson," Technique to reduce the IEEE 802.11b handoff time", IEEE Int. conf. on Communications, 2004, pp. 3844-3848.
- [126] Valko A," Cellular IP: a new approach to Internet host mobility," ACM SIGMOBILE Computer Communication Review, vol. 29, issue 1, pp. 50-65, 1999.
- [127] Bin Liu, et. al," A Cross-Layer Scheme for Inter-RAT Handover from WiMAX to UMTS", in proc. of IEEE conf. GLOBECOM, 2008.
- [128] V. Erceg et al., "An Empirical Based Path Loss Model for Wireless Channels in Suburban Environments" IEEE Journal on Selected Areas in Communications, vol. 17, issue 7, pp. 686-687, July, 1999.
- [129] Mohammed Alshami et al.," Frequency Analysis of path loss models on WiMAX," 3rd Computer Science and Electronic Engineering Conference (CEEC), pp. 1-6, 2011.

- [130] Weiling Wu, Kai Niu, Mobile Communication principle, Beijing, Publishing house of electronics industry, 2005.
- [131] P. P. Bhattacharya, and P. K. Banerjee," Signal To interference ratio based fuzzy logic controlled call handover," India Conference, 2006 Annual IEEE, pp. 1-5.
- [132] P. Munoz et al.," Estimation of Link-layer quality parameters in a system-level LTE simulator," Broadband and Biomedical Communications (IB2Com), 2010 Fifth International Conference on, Dec, 2010, pp. 1-5.
- [133] Masood Maqbool, Marceau Coupechoux, Philippe Godlewski," A Semianalytical method to model effective SINR spatial distribution in WiMAX Networks," Sarnoff Symposium, 2009. SARNOFF '09. IEEE, pp. 1-5.
- [134] Singh K," Development of universal intelligent positioning system techniques in universal mobile telecommunications system networks," Journal of Applied Sciences . 2008, Vol. 8 Issue 13, pp. 2412-241.
- [135] John Fitzpatrick, et al.," Using cross-layer metrics to improve the performance of end-to-end handover mechanisms" Computer Communications, vol. 32, 2009, pp. 1600–1612.
- [136] Bo Yle Jung et al.," Vertical handover based on the prediction of mobility of mobile node," Pervasive Computing and Communications Workshops (PERCOM Workshops), 2010 8th IEEE International Conference on, 2010, pp. 534-539.
- [137] R. Sivakumar, E. Ashok Kumar, G. Sivaradje," Prediction of traffic load in wireless network using time series model" Process Automation, Control and Computing (PACC), 2011 International Conference on, July 2011, pp. 1-6.
- [138] Marco Ajmone," Efficient estimation of call blocking probabilities in cellular mobile telephony networks with customer retrials," IEEE Journal on Selected Areas in Communications, vol. 19, issue 2, 2001, pp. 332-346.
- [139] Abolfazl Mehbodniya, et al.," A dynamic weighting of attributes in heterogeneous wireless networks using fuzzy linguistic variables," First IEEE International Conference on Communications in China: Wireless Networking and Applications (WNA), 2012, pp. 698-703.
- [140] J.Rinne.3GPP Specification Details, TS 23.107
- [141] Ali Safa Sadiq et al.," A Fuzzy logic approach for reducing handover latency in wireless networks" network protocols and algorithms," Network Protocols & Algorithms, 2010, Vol. 2, issue 4, pp. 61-87.
- [142] Subrata Chakraborty, Chung-Hsing Yeh," A simulation comparison of normalization procedures for TOPSIS," International Conference on Computers & Industrial Engineering CIE, 2009, pp. 1815-1820.

- [143] Lamia Chaari, Lotfi Kamoun," An overview of mobility management over IEEE802.16e," in proc. of ICT'09, May 2009, pp. 334-339.
- [144] D. B. Johnson, C. E. Perkins, and J. Arkko, "Mobility Support in IPv6," IETF RFC 3775, June 2004.
- [145] R. Koodli, Ed., "Fast HOs for Mobile IPv6," IETF RFC 4068, July 2005.
- [146] Dionysia Triantafyllopoulou, Nikos Passas," Coordinated handover initiation and cross-layer adaptation for mobile multimedia systems," IEEE Transactions on Multimedia, vol. 11, issue 6, 2009, pp. 1131-1139.
- [147] Ling Chen et al.," A Cross-layer fast handover scheme for mobile WiMAX" Vehicular Technology Conference, 2007, IEEE 66th, Oct 2007, pp. 1578-1582.