

References

[1] Authors' "Harri Holma and Antti Toskala", Wcdma for umts - hspa evolution and lte, John Wiley & Sons, 4th edition 2007.

[2] Authors' "Zihuai Lin, Troels Bundgaard Srensen, Branka Vecu- tic, and Peng. I Hui Tan", Spatial Frequency Scheduling For Uplink SC-FDMA Based Linearly Precoded LTE Multiuser MIMO Systems, IEEE Transactions on Wireless Communications (2008).

[3] Authors' "Carlos U' beda Castellanos, Dimas Lo'pez Villa¹, Claudio Rosa, Klaus I. Pedersen, Francesco D. Calabrese, Per-Henrik Michaelsen and J'urgen Michel" Center for Teleinfrastruktur, Radio Access Technology Nokia Siemens Networks Aalborg University, Niels Jernes Vej 129220 Aalborg East, Denmark, Performance of Uplink Fractional Power Control in UTRAN LTE, [Vehicular Technology Conference, VTC Spring. IEEE](#) (2008)

[4] Authors' "Malek Boussif , Nestor Quintero , Francesco D. Calabrese , Claudio Rosa , and Jeroen Wigard", Nokia Siemens Networks

Niels Jernes Vej 10, 9220 Aalborg East, Denmark, Aalborg University, Radio Access Technology, Niels Jernes Vej 12, 9220 Aalborg East, Denmark Interference Based Power Control Performance in LTE Uplink, Wireless Communication Systems ISWCS '08. IEEE International Symposium (2008).

[Reference]

[5] <http://www.ericsson.com/fi/ourportfolio/ericsson-academy/mobile-broadband/lte-fundamentals>.

[6] 3GPP TS 36.213 V8.2.0 "E-UTRA Physical layer procedures.

[7] 3GPP, TR 25.814 v7.1.0. Physical layer aspects for Evolved UTRA.

[8] Authors' "Francesco D Calabrese, Michaelsen Per H, Rosa Claudio, Ubeda Castellanos Carlos, Lopez Villa Dimas, Pedersen Klaus I, and Mogensen Preben E", Department of Electronic Systems, Aalborg University, Denmark, Nokia Siemens Networks, Denmark, Search-tree ,based uplink channel aware packet scheduling for utran lte, VTC 2008 Spring 67th IEEE Vehicular Technology Conference (2007).

[9]3GPP TS 36.321, Evolved universal terrestrial radio access (e-utra) medium access control (mac) protocol specification (release 8), Tech. report, v8.1.0, 2008.

[10] Authors' "Nishith D. Tripathi, Jeffrey H. Reed, and Hugh F. Van- Lanningham", Radio resource management in cellular systems, Kluwer Academic, June (2001).

[11] Authors' " Stefania Sesia, Issam Toufik and Matthew Baker"LTE - The UMTS Long Term Evolution: From Theory to Practice ,John Wiley & Sons, Ltd. ISBN (2009).

[12] Authors' " Bilal Muhammad and Abbas Mohammed"Performance Evaluation of Uplink Closed Loop Power Control for LTE System Department of Signal Processing, School of Engineering Blekinge Institute of

[Reference]

Technology, Ronneby, Sweden, [Vehicular Technology Conference Fall \(VTC 2009-Fall\), IEEE 70th \(2009\)](#).

[13] Authors' "Naizheng Zheng, Malek Boussif, Claudio Rosa, Istvan Z. Kovacs, Klaus. Pedersen, Jeroen Wigard, Preben and E. Mogensen" ,Radio Access Technology Section, Electronic Systems Department, Aalborg University Niels Jernes Vej 12, 9220 Aalborg East, Denmark, Nokia Siemens Networks ,Denmark, Coordinated Multi-Point for LTE-A in the Form of Macro-Scopic Combining , [Vehicular Technology Conference \(VTC 2010-Spring\), IEEE 71st](#) (2010).

[14] Authors' "Weimi Xiao, Rapeepat Ratasuk, Amitava Ghosh, Robert Love, Yakun Sun, and Ravi Nory", Uplink power control, interference coordination and resource allocation for 3gpp e-utra, [Vehicular Technology Conference VTC-2006 Fall. IEEE 64th](#) (2006)

[15] Authors' "Kurt Majewski and Michael Koonert" Siemens AG, Corp. Tech. Munich, Germany , Nokia Siemens Networks ,Analytic uplink cell load approximation for planning fractional power control in LTE networks, Telecommunications [Network Strategy and Planning Symposium \(NETWORKS\)](#),14th International (2010).

[16] Authors' "Naizheng Zheng, Per-Henrik Michaelsen, Jens Steiner, Claudio Rosa and Jeroen Wigard" , Antenna Tilt and Interaction with Open Loop Power Control in Homogeneous Uplink LTE Networks, [Wireless Communication Systems, ISWCS '08. IEEE International Symposium \(2008\)](#).

[Reference]

[17] Authors' "Ömer Bulakci, Simone Redana and Bernhard Raaf" Nokia Siemens Networks St.-Martin-Strasse 76, 81541, Munich, Germany Jyri Hämäläinen Aalto University, School of Technology and Science, System Optimization in Relay Enhanced LTE Advanced Networks via Uplink Power Control, [Vehicular Technology Conference \(VTC 2010-Spring\), IEEE 71st\(2010\)](#)

[18] Authors' "Bilal Muhammad ad Abbas Mohammed" COMSATS Institute of IT, Abbottabad Campus, Pakistan1m Blekinge Institute of Technology, Sweden,Uplink Closed Loop Power Control for LTE System, [Vehicular Technology Conference Fall \(VTC 2009-Fall\),IEEE 70th \(2009\)](#) .

[19] Authors' "Zahra Bakhti, Islamic Azad, ,Shahriar Shirvani Moghaddam and Shahid Rajae" Department of Electrical Engineering Tehran South Branch, University Tehran Digital Communications Signal Processing (DCSP) Research Lab, Department of Electrical and Computer Engineering, Teacher Training University, Inter-Cell Interference Coordination with Adaptive Frequency-Reuse for VoIP and Data Traffic in Downlink of 3GPP-LTE, Application of Information and Communication Technologies (AICT), 4th International Conference (2010) .

[20] Authors' "Marceau Coupechoux and Jean-Marc Kelif" 1TELECOM ParisTech & CNRS LTCl ,Orange Labs, Issy-Les-Moulineaux, France, How to Set the Fractional Power Control

[Reference]

Compensation Factor in LTE, [Sarnoff Symposium, 34th IEEE\(2011\)](#).

[21] Authors' "Chia-Hao Yu and Olav Tirkkonen", Department of Communications and Networking School of Science and Technology, Aalto University, Nokia Research Center ,Distributed Inter-Cell Interference Coordination based on Rate Splitting, [Wireless Communication Systems \(ISWCS\), 7th International Symposium \(2010\)](#).

[22] Author' "Osman Nuri Can Yilmaz" AALTO university School of Science and Technology Faculty of Electronics, Communications and Automation Department of Communications and Networking Self-Optimization of Coverage and Capacity in LTE using Adaptive Antenna Systems, Master's Thesis ,Espoo, 19th February (2010).

[23] Authors' "Claudio Rosa, Preben E. Mogensen, Klaus ,Francesco D. Calabrese and Mohmmad Anas, Nokia Networks, Department of Electronic Systems, Aalborg University, Performance of a Radio Resource Allocation Algorithm for UTRAN LTE Uplink, [Vehicular Technology Conference, VTC2007-Spring. IEEE 65th](#) (2007).

[24] Authors' "Arne Simonsson and Anders Furusar", Wireless Access Networks, Ericsson Research, Uplink Power Control in LTE-Overview and Performance Principles and Benefits of Utilizing rather than Compensating for SINR Variations, [Vehicular Technology Conference\(2008\)](#).

[Reference]

[25] Authors' "Haipeng Lei and Xiaoqiang Li Beijing", Samsung Telecom R&D Center, System Level Study of LTE Uplink Employing SC-FDMA and Virtual Mu-Mimo, [Communications Technology and Applications, ICCTA '09. IEEE International Conference](#) (2009).

[26] Authors' "Robert Müllner , Carsten F. Ball, Kolio Ivanov, Johann Lienhart, and Peter Hric" Nokia Siemens Networks ,GmbH & Co. KG , St.-Martinstr. 76, 81541 Munich, Germany, Siemens AG, Autokaderstr. 29, 1210 Vienna, Austria, Performance analysis of Closed and Open loop MIMO in LTE, European [Wireless Conference, EW 2009\(2009\)](#).

[27] Authors' "Yi Ding, Dengkun Xiao, Dongkai Yang", School of Electronics and Information Engineering, Beihang University, Beijing Huawei Technologies Co. Ltd., Beijing, China, Performance Analysis Of An Improved Uplink Power Control Method In LTE-A COMP Network, [Broadband Network and Multimedia Technology \(IC-BNMT\),3rd IEEE International Conference](#) (2010).

[28] Authors' "Malek Boussif, Claudio Rosa, Jeroen Wigard Robert Müllner", Nokia Siemens Networks Aalborg, Denmark, Nokia Siemens Networks Ulm, Germany, Load Adaptive Power Control in LTE Uplink, European wireless conference (2010).

[Reference]
