
Adaptive control algorithm for signaling overhead management in Wi-Fi offloading process

© N.E. Bogomolova, M.S. Panfilova

Bauman Moscow State Technical University, Moscow, 105005, Russia

The paper presents the first results of Wi-Fi offloading research. Several ways of its optimization by signaling overhead management are proposed. An adaptive algorithm to reduce the amount of signaling overhead that takes the subscriber behavior is designed.

Keywords: *wireless networks, Wi-Fi Offload, handover, seamlessness, mobility, signaling overhead.*

Bogomolova N.E. (b. 1955) graduated from the Moscow Electrotechnical Institute of Communications in 1977. Ph.D, Assoc. Professor at Bauman Moscow State Technical University. Author of more than 40 publications in the field of telecommunications. e-mail: nbogomolova09@gmail.com

Panfilova M.S., Master of Science in Information Technology / Master of Computer Science, assistant lecturer at the Information Security Department of Bauman Moscow State Technical University. Chief Software Engineer of «SM Solutions» company. Author of several papers in the field of information security and mobile telecommunications. e-mail: mpanfilova@sm-sol.com
