

Publication List

David Karpuk

Journal Articles

C. Hollanti, E. Viterbo, and D. Karpuk. *Nonasymptotic Probability Bounds for Fading Channels Exploiting Dedekind Zeta Functions*, submitted February 2013.

D. Karpuk. *Weil-étale Cohomology of Curves over p -adic Fields*, submitted September 2012.

D. Karpuk. *Cohomology of the Weil Group of a p -adic Field*, Journal of Number Theory, Volume 133, Issue 4, April 2013, Pages 1270-1288.

Conference Proceedings

D. Karpuk, I. Blanco-Chacón, and C. Hollanti. *Probability Bounds for an Eavesdroppers Correct Decision over a MIMO Wiretap Channel*, submitted to IEEE International Symposium on Information Theory 2013.

D. Karpuk, C. Hollanti, and E. Viterbo. *Probability Bounds for Two-Dimensional Algebraic Lattice Codes*, International Workshop on Coding and Cryptography, April 2013, Bergen, Norway.

Theses

D. Karpuk. *Weil-étale Cohomology over Local Fields*. ProQuest LLC, Ann Arbor, MI, May 2012. Thesis (Ph.D.) - University of Maryland, College Park.

D. Karpuk. *The Complex Structure of Elliptic Curves*. May 2006. Thesis (Bachelor's) - Boston College.