

FRAMEWORK FOR IMAGE RINGING ARTIFACT ANALYSIS

Nasonov A.V.¹, Krylov A.S.¹, Chernomorets A.A.¹, Ding Yong²

¹Lomonosov Moscow State University, Faculty of Computational Mathematics and Cybernetics
Laboratory of Mathematical Methods of Image Processing

²Institute of VLSI design of Zhejiang University, China

The framework for image ringing artifact analysis is suggested. The basic tool for the analysis is the developed image ringing artifact database. An algorithm for the basic edges areas selection is proposed and used for the analysis.

The work was supported by federal target program "Research and Development in Priority Fields of S&T Complex of Russia in 2007–2013".