

# Modern Methods of Increasing the Information Capacity of Digital Images.

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## Abstract

The presentation is dedicated to the problem of increasing the information capacity of digital images. In many cases (medicine databases with X-ray photos, private photo albums, etc.) we need additional information about chosen images. It's possible to solve this task by adding some additional information to initial images and using it by request. The goal of presentation is to consider modern digital image models and modern telecommunication systems where digital images could be used (for example, mobile systems). We will also make overview of modern methods of increasing the information capacity of digital images, to define the most important and specific requirement for such systems.

**Index Terms:** Image processing, information capacity increasing, artifacts visual perception, digital image redundancy.