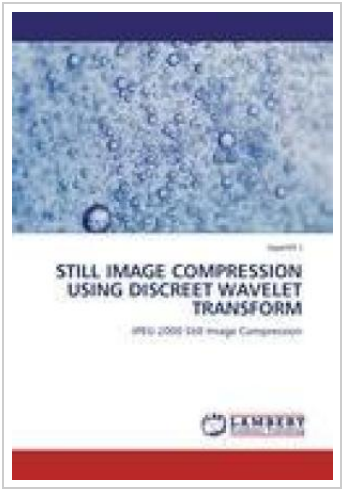




# STILL IMAGE COMPRESSION USING DISCREET WAVELET TRANSFORM

By Jayanth J

LAP Lambert Acad. Publ. Jul 2011, 2011. Taschenbuch. Book Condition: Neu. 220x150x5 mm. This item is printed on demand - Print on Demand Neuware - Image data compression comes under the category ofdigital image processing. Image compression is themethod of effectively coding digital images to reducethe number of bits required in representing an image.The purpose of doing so is to reduce the storage andtransmission costs while maintaining good quality.There are two methods of compression, Lossycompression and Lossless compression With the increasing use of multimedia technologies,Image compression requires higher performance as wellas new features. To address this need in the specificarea of still image encoding, a new standard is used,the JPEG2000. It is interesting to note that JPEG2000is being designed to address the requirements of adiversity of applications, e.g. Internet, colorfacsimile, printing, scanning, digital photography,remote sensing, mobile applications, medical imagery,digital library and E-commerce.We have implemented the basic architecture of theJPEG2000 using Matlab. It can be used for bothgray-scale and color images 80 pp. Englisch.



### *Reviews*

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