Book Review 2
Image and Video Compression Standards
Algorithms and Architectures Second Edition
By Vasudev Bhaskaran and Konstantinos Konstantinides
Kluwer Academic Publishers

Video compression is one of the topics included in the area of images digital processing. The book gives an introduction to algorithms and architectures used in standard video and audio compression.

The author presents several international norms related to video compression such as JPEG, H.261, H.263 and MPEG-1, MPEG-2, MPEG-4 and MPEG-7. Audio coding techniques are also presented, along with techniques based on wavelets and vector quantization.

The topics are dealt with in a very clear fashion for readers, and the first chapters include an introduction about compression techniques with and without loss, going on then to video codification standards. Hardware is included as from chapter nine.

It is oriented to graduates or advanced students in the topic of image processing and data compression.

Ms Claudia Russo