

WEB RESOURCES

Chapter 1

1. The webpage of Technical Advisory Committee for Images gives a good introduction to image file formats. Their <http://www.tasi.ac.uk>
2. Introduction to image sensors: <http://www.shortcourses.com/sensors/>
3. Introduction to Raster and Vector Images:
http://www.adobe.com/education/webtech/CS2/unit_graphics1/gb_bitmap_id.htm
4. Rich information about image sensors and papers presented in the conference:
www.imagesensors.org
5. Reinhard R Beichel's lecture notes provides useful information regarding 2D sampling concepts: <http://www.icaen.uiowa.edu/~dip/LECTURE/ImageProperties2.html>
6. Digital image-processing fundamentals are given in this website:
<http://www.ph.tn.tudelft.nl/Courses/FIP/frames/fip.html>

Chapter 2

1. Professor Brian L. Evans lectures on 2D signals and systems is a very good material, and the reader should go through the website at least once before completing the course on digital image processing
<http://users.ece.uvic.ca/~bevans/courses/ee381k/lectures/>
2. Professor Lina J. Karam's well-organised teaching material related *Digital Image Processing and Compression* :
<http://www.eas.asu.edu/~karam/eee508/>
3. Joan Lasenby's website gives useful information on two-dimensional systems:
<http://www.sigproc.eng.cam.ac.uk/%7Ejl/imageproc/index.html>

Chapter 3

1. Wally Block lecture notes on two-dimensional convolution:
zoot.radiology.wisc.edu/~block/bme530lectures/L01Systemtheory.ppt

Chapter 4

1. Dr K R Rao's teaching material: <http://www-ee.uta.edu/dip/>
2. Professor Min Wu's lecture material: <http://www.ece.umd.edu/class/enee631/>

Chapter 5

1. Professor **Zhou Wang's** lecture notes give very good introduction to spatial-domain linear filtering and non-linear image filtering
<http://www.uta.edu/faculty/zhouwang/teaching/IDIP06/handouts.htm>
2. Dr Jorma Laaksonen working in Helsinki University of Technology, Finland; course material on digital image processing http://www.cis.hut.fi/Opinnot/T-61.5100/index_en.shtml
3. Dr William Hoff's lecture notes for the course *Image and Multidimensional Signal Processing*:
<http://egweb.mines.edu/eges510/lectures/lectures.htm>
4. Image Processing Teaching Materials with JAVA:
<http://homepages.inf.ed.ac.uk/rbf/HIPR2/>
5. CV online: <http://homepages.inf.ed.ac.uk/rbf/CVonline/> edited by Robert B Fisher contains useful information related to image transformation and filters

Chapter 6

1. DIAL- Digital Image Analysis Laboratory: <http://www.ece.arizona.edu/~dial/>

Chapter 9

1. Professor Bernd Girod's *Image and Video Compression* course page:
<http://www.stanford.edu/class/ee398/>
2. Shannon's mathematical theory of communication paper can be obtained from
<http://plan9.bell-labs.com/cm/ms/what/shannonday/shannon1948.pdf>
3. Johns Hopkins University course material related to image compression and packet video:
<http://www.apl.jhu.edu/Notes/Geckle/525759/>
4. Professor Manjunath's course page of *Introduction to Digital Image Processing* :
<http://www.ece.ucsb.edu/Faculty/Manjunath/courses/ece178W03/>
5. For JPEG image compression standard, visit www.jpeg.org

Chapter 11

1. Michael J Vrhel's home page gives useful information regarding colour-image processing:
<http://www.viegroup.com/mvrhelweb/colour.html>
2. Professor Charles A. Bouman's lecture notes gives introduction to colour space and chromaticity diagram:
<http://cobweb.ecn.purdue.edu/~bouman/ee637/notes/pdf/ColourSpaces.pdf>
3. Dr K R Rao lecture notes is a valuable resource: <http://www-ee.uta.edu/dip/>

Chapter 12

1. Robi Polikar's excellent introduction to the concepts of wavelet <http://users.rowan.edu/~polikar/>
2. <http://www.wavelet.org/> is a very good site to know the theory and application of wavelets.
3. William Pearlman's website is a treasure island for people working in the area of SPIHT:
<http://www.cipr.rpi.edu/~pearlman/>
4. Minh Do's homepage gives rich information related to contourlets and directional decomposition:
<http://www.ifp.uiuc.edu/~minhdo/publications/>
5. Martin Vetterli's homepage is a very useful source for a variety of wavelet information:
<http://lca-www.epfl.ch/~vetterli/>
6. Professor Deepa Kundur's research page contains good articles related to watermarking:
<http://www.ece.tamu.edu/~deepa/pub.html>
7. For JPEG and JPEG2000 image compression standard the authors recommend the website www.jpeg.org/jpeg2000.