

International Summer Course “Image Processing by Variational Methods”

References

- ◆◦ [AUBERT/KORNPORST 02] Aubert, G.; Kornprobst, P.: *Mathematical Problems in Image Processing: Partial Differential Equations and the Calculus of Variations*. Springer; New York etc. 2002
- ◆◦ [CHAN/SHEN 05] Chan, T. F.; Shen, J.: *Image Processing and Analysis*. SIAM; Philadelphia 2005
- ◆◦ [DACOROGNA 89] Dacorogna, B.: *Direct Methods in the Calculus of Variations*. Springer; Berlin etc. 1989
 - [DACOROGNA 04] Dacorogna, B.: *Introduction to the Calculus of Variations*. Imperial College Press; London 2004
- [ELSTRODT 96] Elstrodt, J.: *Maß- und Integrationstheorie*. Springer; Berlin etc. 1996
- [EVANS/GARIEPY 92] Evans, L. C.; Gariepy, R. F.: *Measure Theory and Fine Properties of Functions*. CRC Press; Boca Raton etc. 1992
- ◆◦ [IOFFE/TICHOMIROV 79] Ioffe, A. D.; Tichomirow, V. M.: *Theorie der Extremalaufgaben*. VEB Deutscher Verlag der Wissenschaften; Berlin 1979
(in the library, only the English translation is accessible)
- ◆◦ [PARAGIOS/CHEN/FAUGERAS 06] Paragios, N.; Chen, Y.; Faugeras, O. (Eds.): *Handbook of Mathematical Models in Computer Vision*. Springer; New York etc. 2006
- ◆◦ [WAGNER 06] Wagner, M.: *Mehrdimensionale Steuerungsprobleme mit quasikonvexen Integranden*. Habilitationsschrift. Brandenburgische Technische Universität Cottbus 2006
- ◆◦ [WEICKERT 96] Weickert, J.: *Anisotropic diffusion in image processing*. Dissertation; Universität Kaiserslautern 1996

The books are labeled with ◆, ● or ◦ depending from the access within the special collection for this course, elsewhere in the library or in my office.

Some relevant journals with electronic access from the university:

Archive for Rational Mechanics and Analysis

<http://www.springerlink.com/content/1432-0673/>

IEEE Transactions on Pattern Analysis and Machine Intelligence

<http://www.computer.org/portal/site/csdl/index.jsp>

International Journal of Computer Vision

<http://springerlink.metapress.com/content/1573-1405/>

Journal of Mathematical Imaging and Vision

<http://springerlink.metapress.com/content/1573-7683/>