

## GEOF211 CURRICULUM

From *Press et al. «Numerical Recipes»*:

Ch. 19.0

Ch. 19.1 (except *Fluid Dynamics with Shocks*, p. 837)

Ch. 19.2 (except *nonlinear diffusion, Schrödinger equation* pp. 842-844)

Ch. 19.3

Ch. 19.5 (except *ADI Method* pp. 861-862)

From *Haltiner & Williams «Numerical Prediction and Dynamic Meteorology»*:

Ch. 5-1

Ch. 5-2

Ch. 5-6-6

Ch. 5-6-8

Ch. 5-6-9

Ch. 5-7 (introduction)

Ch. 5-7-1

Ch. 5-7-4

Ch. 7-3

Compendium *Knut Barthel «On TVD schemes»*.

The exercises and model tasks that we have done also belong to the curriculum.

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