Reference Frames—Spring 2010

Date	Contents	Pages	*M*-files
23/2	Ellipsoidal and Local Frames	1–4, 29–34, 37–38, 41–43	`cart2geo, geo2cart, c2gm, frgeod, togeod, topocent`
25/2	Change of datum	38–41	`datumch`
	Bessel's solution for the Direct and Inverse Geodetic Problems	19–27	`bessel_1, bessel_2`
	Gauss' mapping of the ellipsoid into the plane	429–436	`cart2geo, clsin, clksin, geo2utm, utm2geo`
	Meridian convergence, scale, and UTM	436–442	`indicat, draw_ell`

The *M*-files can be downloaded from `gps.aau.dk/~borre/masters/frames`

Both lectures are given from 10:15 to 12:00 in room 2-103 at Fredrik Bajers Vej 3.

Literature

Kai Borre and Gilbert Strang: *Algorithms for Global Positioning.* Wellesley-Cambridge Press, 2010. *Draft version*