matclim \ readme

The file matclim contains all the Matlab® programs designed to support the book «*Climate change : identification and projections* » (Philippe de Larminat, ISTE ed. 2014)

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Matlab version: 7.1.0.246 (R14) Service Pack 3

Called toolboxes: optim, splines, control.

## Contents

**startup** : the usual Matlab startup.

**mainloop:** This script is configured in order to directly reproduce the figure 11.6 of the book (hindcasts). It selects the data combinations and performs all the required identifications, simulations, projections, statistics, etc.

**figures:** containsscripts named figure\_nptm, which lead to the figures n.m of the book. Most of them are organized like mainloop.

**data** : contains climatic data and their preprocessing. All the resulting files files xxx.mat cover years 1 AD to 2500 AD. Missing data are NaN.

**identification**: contains all the subroutines called by mainloop

**tools:** other tools.