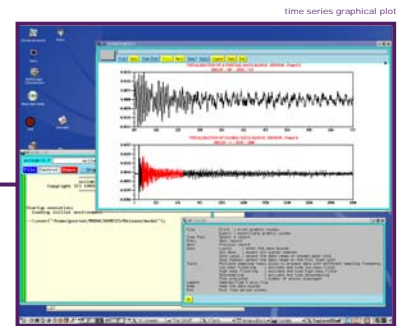


EXPERIMENTED FOR OR WITHIN
LMS Int. / EADS Space Transportation / CNES /
Eurocopter / Dassault Aviation / Soprema /
LCPC-SMI

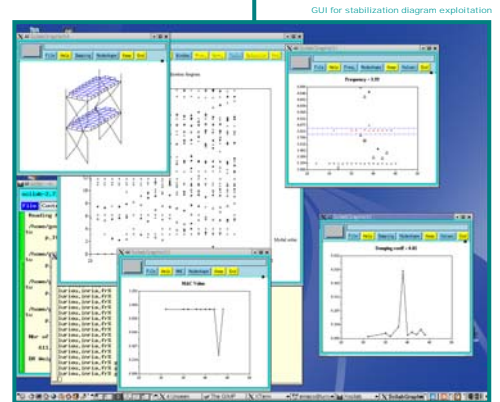
GENERAL FEATURES

- based on covariance subspaces (I/O and output only)
- works under ambient unknown excitation
- management / visualization / filtering of time series



FUNCTIONS IN IDENTIFICATION

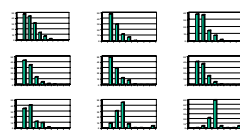
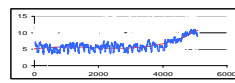
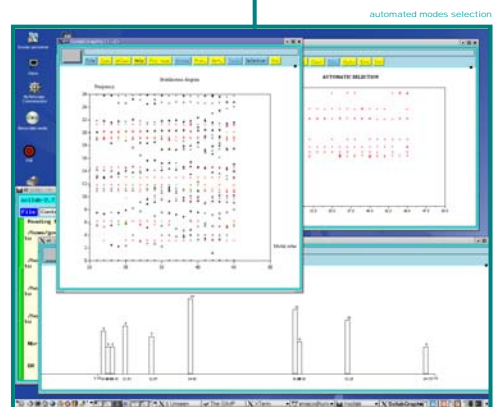
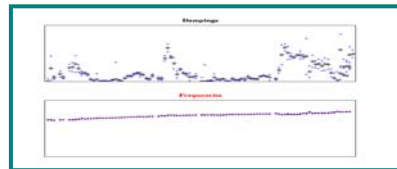
- graphical exploitation of stabilization diagrams
- multi-patch fusion of sensor data
- automated modal identification and tracking



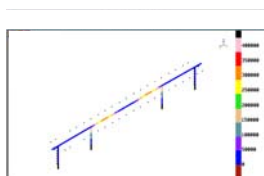
FUNCTIONS IN DETECTION

- damage detection and localization
- automated damage monitoring
- flutter monitoring

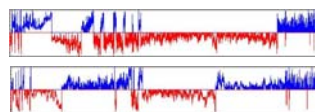
ARIANE booster modal tracking



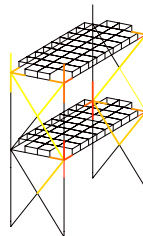
COST F3 Z24 bridge benchmark
yearly damage detection plot and monthly histograms



COST F3 Z24 bridge benchmark
damage localization



ARIANE booster: a 2 thresholds crossing for damping monitoring



COST F3 steeltruss benchmark
damage localization



A Matlab-like open source free scientific platform developed by Scilab Consortium for Linux/Unix and Windows
<http://www.scilab.org/>