SCUOLA
NORMALE
SUPERIORE

NO FREE LUNCH SEMINAR

seminari di finanza quantitativa

martedì 5 marzo 2012
ore 13.00

Scuola Normale Superiore
Pisa
(Aula Bianchi)

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Terranno un seminario dal titolo:

"Estimating Econometric Models through Matrix Equations"

Abstract
We present an algorithm to estimate the parameters of multivariate ARMA, GARCH and stochastic volatility models. The approach is based on a moment estimator; a similar approach has already been suggested in literature for univariate GARCH but its generalization to multivariate models requires some more linear algebra machinery, especially in the field of matrix equations.
The resulting estimator is extremely fast to compute, in comparison to maximum-likelihood approaches. We also discuss methods to regularize and improve this estimate.

Tutti gli interessati sono invitati a partecipare.

Classe di Scienze