Title (en)

MODELLING TOOL WITH CONTROLLED CAPACITY

Title (de)

MODELLIERUNGSWERKZEUG MIT KONTROLLIERTER FÄHIGKEIT

Title (fr)

OUTIL DE MODELISATION A CAPACITE CONTROLEE

Publication

EP 1131750 A1 20010912 (FR)

Application

EP 99972333 A 19991116

Priority

- FR 9902810 W 19991116
- FR 9814422 A 19981117

Abstract (en)

[origin: FR2786002A1] The invention concerns a method for modelling digital data from a data sample comprising means for acquiring input data, means for preparing the input data, means for constructing a learning model on the processed data, means for analysing the resulting model, means for operating the resulting model, characterised in that it consists in controlling by regression the consistency of the standard learning process by adding to the covariance matrix a disturbance in the form of the product of a scalar quantity lambda by a matrix H during the model computation.

IPC 1-7

G06F 17/50; G06F 17/18

IPC 8 full level

G06F 17/50 (2006.01)

CPC (source: EP US)

G06F 30/20 (2020.01 - EP US); G06F 2111/10 (2020.01 - EP US)

Citation (search report)

See references of WO 0029992A1

Citation (third parties)

Third party :

THIRIA S. ET AL.: "Statistique et méthodes neuronales, 2e cycle", 1997, DUNOD, FRANCE, ISBN: 2-10-003544-4, article LEON BOTTOU: "La mise en ceuvre des idées de Vladimir N. Vapnik", pages: 262 - 274, XP003008158

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

FR 9814422 A 19981117; EP 99972333 A 19991116; FR 9902810 W 19991116; US 85881401 A 20010516