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TENSOR DECOMPOSITION FOR HOSVD

AN HACKING DAY AT THE
DEPARTMENT OF MATHEMATICS

In this series of lectures we will focus on High Order Singular Value Decomposition (HOSVD). We will briefly recall the classical SVD for matrices, we will go through some applications, e.g., image and signal processing, pattern recognition, data mining and machine learning, chemometrics, and we will present various tensor decompositions (like Tucker decomposition, HOSVD and approximation by low multilinear rank). Algorithms can be implemented in Matlab.

INFORMATION:

datascience.maths.unitn.it/events/hosvd2018/



SCHEDULE

Friday 2018/12/07 14.00-18.00
@ Povo 1, Room A210

DETAILS

- Venue: Polo Scientifico e Tecnologico F. Ferrari
- Language: English
- Admission: Course is open to everyone and free.
- How to apply: send an email to Claudio Agostinelli (claudio.agostinelli@unitn.it)



UNIVERSITÀ DEGLI STUDI
DI TRENTO

Dipartimento di Matematica