Bocconi

17 APRIL 2024 12:00 PM

Bocconi University Room 3-E4-SR03 Via Röntgen 1, Milano (3° floor)

Online hypergraph matching

Abstract

The online matching problem on bipartite graphs is a classical problem in online optimization.

In this talk we go beyond the graph case and consider the problem on k-uniform hypergraphs.

For k=3, we provide an optimal algorithm for the fractional version of the problem. For k>=3 we give an integral algorithm for hypergraphs with bounded degree



Speaker

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