ID de Contribution: **8**   Type: **Non spécifié**

Algorithms for the network alignment problem

vendredi 6 octobre 2023 15:30 (30 minutes)

In the network alignment problem, we are given two graphs and we are asked to match their respective vertices in order to minimize some similarity measure. The problem implies as a special case the fundamental problem of subgraph isomorphism, and arises in several applications, from computer vision to the analysis of protein-protein interaction networks. In this talk, we will give an overview of some algorithms for tackling the problem and discuss their Julia implementations.

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Classification de Session: Julia & Graphs