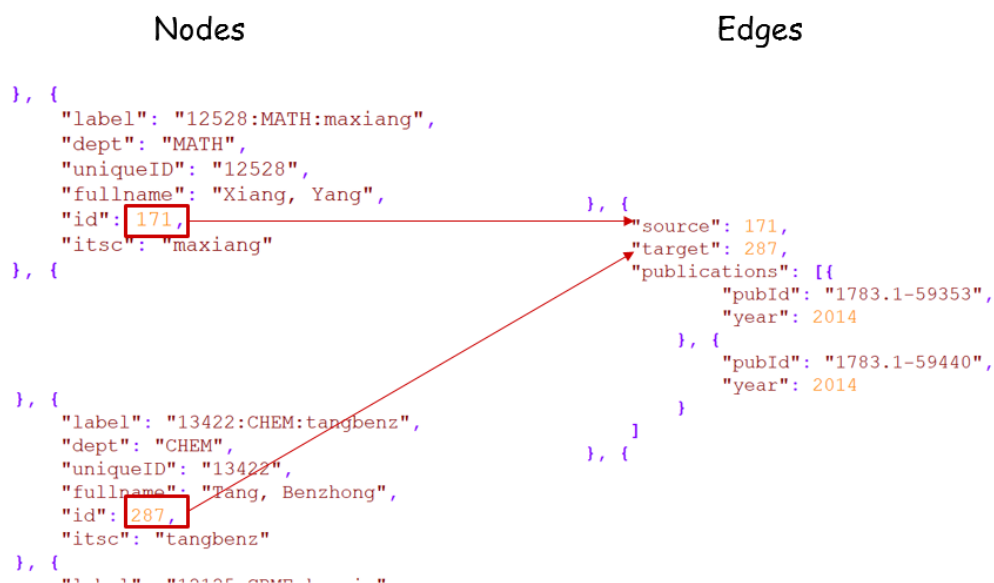


Level 3 challenge: Linkage between multiple view

This task focuses on visualizing the collaboration relationship between researchers. A JSON format data containing the collaboration records among professors in HKUST is provided. You can find the data in [HKUST_coauthor_graph.json](#). It consists of two parts: nodes and edges. The nodes represent professors and the edges are their corresponding collaborations (See the following figure).



You need to extract the subgraph of **CSE** (i.e., extract the collaboration subgraph consisting of all the professors from **CSE**), and visualize them in two forms: a node-link diagram and a matrix view.

Here are the basic requirements:

