

Visual e-discussion is a form of debate in that contributions are written into graphical shapes and linked to one another according to their relationship. In order to moderate several simultaneous e-discussions effectively, it is important to point teachers to interesting clusters of contributions. We designed an algorithm that uses inexact graph matching along with text analysis and machine learning classifiers for searching for such patterns based on a provided example. The method was evaluated on a dataset of real discussion and demonstrated promising initial results.