Outline and purpose of the class

Lecture on mathematical methods focused on theory and analysis of computational complexities. In the academic year of 2015, we study elegant solutions of several typical problems in algorithms, computation and big-data analysis for learning "mathematical thinking" and its application to information science. Takeshi Tokuyama will give the lectures. The lecture is given by English (but English in Japanese dialect) and Japanese so that both foreign students and Japanese students can follow. Some guest speakers will be invited to give specialized topics.

Study Plan

Will be introduced in the first lecture.

Method and criteria for grade assessment

Evaluation will be based on reports. You need to clearly show the source of references if you quote from WEB or articles.

Textbooks / reference books


Related websites

http://www.dais.is.tohoku.ac.jp/~tokuyama/profile.htm
http://www.dais.is.tohoku.ac.jp/~tokuyama/profile.htm (Japanese page, but I hope you can find what you want)

Office Hour

Anytime by appointment

Other