Analysis of computer science newcomers student's motivation

Analysis of student's motivation

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 ${f conflicts}$ of ${f interest}^1$

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6 1 Abstract

- Depression and other mind diseases are currently being reported
- at universities. Due to it, this research was proposed to observe
- ³⁹ a group of newcomer students of the Federal University of
- 40 Uberlândia (UFU) along two semesters, furthermore, using
- resources provided by BCI(Brain computer interface) technology,
- collect data about their emotional state.
- Data collecting were made on 3 points of semester and each one
- was proposed to volunteers do same activity related to computer
- science course. They executed those activites while wearing a
- EEG based equipment, which was responsible for collecting their
- 47 emotional data.
- The results were satisfying, students became more stressed along
- time and their excitement descreased. Surprisingly relaxation
- bas increased, different from what was expected. The other
- feelings had no great changes, though.

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