

## Abstract

According to recent studies, some people believe that movement is closely related to music which allows it to help conveying emotions in music. In the present study, the effects of emotion induction through music with matched visual motion or synchronized brightness change of spots are investigated. There are three conditions of experiment in total. A moving spot matched with music is presented to subjects in condition one while a synchronized brightness change spot with music is shown to subjects in condition two. A fixed spot with music are shown to subjects in control condition. It is hypothesized that presenting music with visual spatial motion could intensify emotion induction comparing to presenting music with brightness changing spot or music only. However, effect of motion with happy music was not significant and that with neutral music had opposite tendency. Condition with brightness changing spot seemed to have greater potential to enhance emotion induction in music.