エージェントとの話速可変文字対話における引き込み現象

Entrainment between Human and Agent in Text Chat Which Can Control the Utterance Speed

徳田圭祐、北村泰彦、小林一樹

Keisuke Tokuda, Yasuhiko Kitamura, and Kazuki Kobayashi

Entrainment is a phenomenon of synchronizing non-verbal expression between two people communicating with each other. In this paper, we perform experiments to observe entrainment between a human user and an agent on a text chat system which can control the utterance speed. The agent can changes its utterance speed and swithing pause during conversation. The result is different from the one observed in voice chat. When the utterance speed is stable, the subjects were not entrained. When they change, they are entrained. This result suggests that people feel the believability of agent toward the change of non-verbal expression.