“Improving the efficiency of dialogue in tutoring”

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PRESENTED BY ISABELLA, JAN, KASSIM, ROSEN

Paper Contents

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- AutoTutor
- Deep Knowledge
- High Quality Natural Language Dialogue

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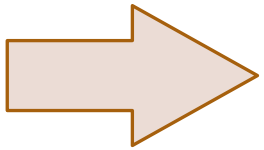

Hypothesis 1

(Dialogue Interaction Hypothesis)

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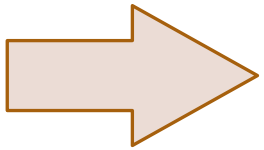

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- The time factor

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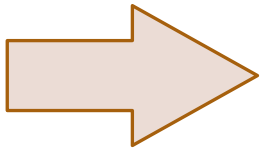

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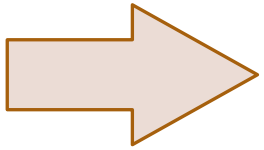

Hypothesis 2

(Hypothesis of Diminishing Returns)

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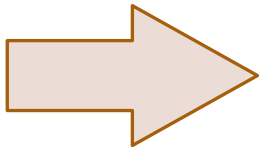

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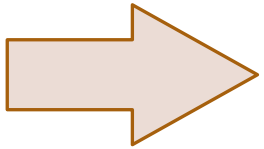

Hypothesis 2

(Hypothesis of Diminishing Returns)

- Experiment 1
  - Varying amount of dialogue
- Experiment 2
  - Order of mixed condition
  - Changed control condition

Overall Decision

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Positives

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- Well-structured
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- Sensible conclusions given data

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Accepted

Comments

- Overall good paper as starting point for further research
- More balanced Experiment 2 complements Experiment 1
- Good integration of findings into narrow and larger subject area
- Results encourage designers of ITSs to experiment with their designs