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Optimizing human memory: An insight from the study of Al Huffaz

(Conference Paper)

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Abstract　　　　　　　　　　　　　　⌄ View references (18)

We investigated the memory control processes used by a group of people who commit to memory the entire word text of the Quran with complete accuracy. The findings from interviews conducted, revealed the importance of several control processes such as rehearsal, motivation or interest and self-discipline. More importantly, it has been found that it is maintenance and not elaborative rehearsal that plays the most important role in the memorization of the Quran. These findings will help to form a better understanding of the cognitive basis underlying human memory. This knowledge can be incorporated with technology for the purpose of optimizing human potential. More importantly, it gives implications to learning process at large and opens new opportunities and ways to serve the Ummah better. © 2014 IEEE.

Author keywords

control processes　　elaborative rehearsal　　human memory　　maintenance rehearsal　　technology

Indexed keywords

Engineering controlled terms:　　Maintenance　　Technology

   Control process

   elaborative rehearsal

   Human memory

   Human potential

   IS maintenance

   Learning process

   Memory controls

Engineering main heading:　　Process control

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