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Effectiveness of digital poetry

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E-Literature is, rapidly advancing Information Technology field's contribution to literature, and digital poetry is its poetic aspect. Digital poetry is where multimedia, software and computer programming are distinctively used in the composition, generation, or presentation of a poem. Digital poetry is a budding trend in both the fields of information technology and literature. However, whether digital poetry fulfils the basic purpose of a poem by arousing emotions and conveying the actual meaning like a textual poem is a question. Thus, this research finds the effectiveness of digital poetry by taking into account its purposes of arousal of emotions and conveying of precise messages. Brain Computer Interface was utilized for the experiment and the signal capturing was done through Electroencephalogram (EEG). The effectiveness of digital poetry was measured against effectiveness of textual poetry by using short digital poems and their textual versions. According to the results, textual poetry is more effective than digital poetry. The results of this research would be beneficial for both the fields of Information Technology and Literature.

Keywords: Digital poetry, textual poetry, brain computer interface, electroencephalogram