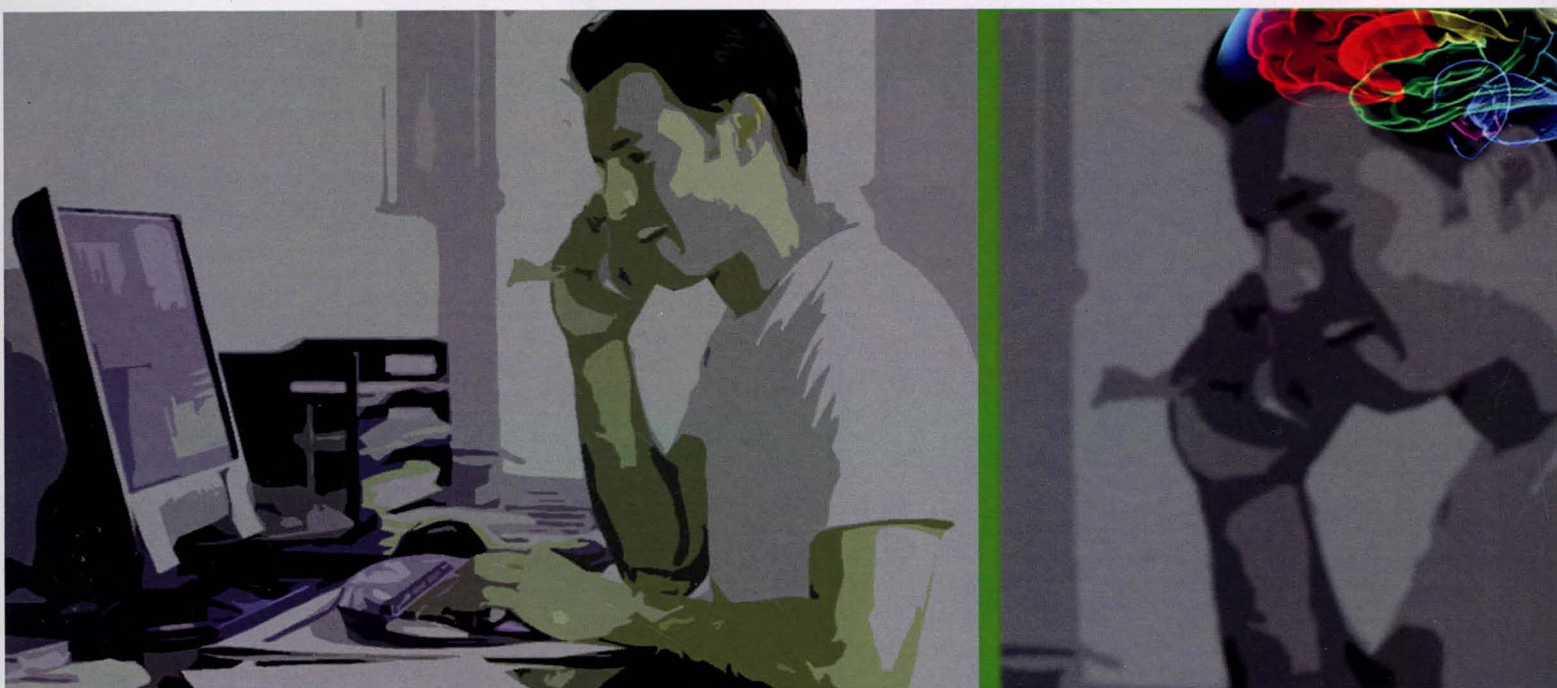


UNDERSTANDING BRAIN DEVELOPMENTAL DISORDER BASED ON EEG IN SOFT COMPUTING APPROACH

Abdul Wahab Abdul Rahman



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INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

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IN SOFT COMPUTING
APPROACH**

Editors

Abdul Wahab Abdul Rahman



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**UNDERSTANDING DRIVER BEHAVIOR BASED
ON THE RELATIONSHIP BETWEEN PRE-POST
ACCIDENT AND PRE-CURSOR EMOTION
ABDUL WAHAB ABDUL RAHMAN, NORZALIZA
MD NOR, NORHASLINDA KAMARUDDIN AND
HARIYATI**

18.0 Abstract

Driver behavior has a great influence to the driver especially in decision making and controlling the vehicle itself. However, the change of driver's behavior does not depend solely on the driver behavior and in fact, emotion plays an important role. In fact, studies on pre-cursor emotion and pre-post accident condition using Electroencephalogram (EEG) pattern are scarce. Thus, the correlation between driver behavior and emotion through the 2-D affective space model: valence arousal approach (VAA) has been proposed to analyze the pre-post accident analysis to determine. The analysis results of VA for each driver exposed that pre-cursor emotion will affect the emotion in pre-accident whereas negative emotion appears