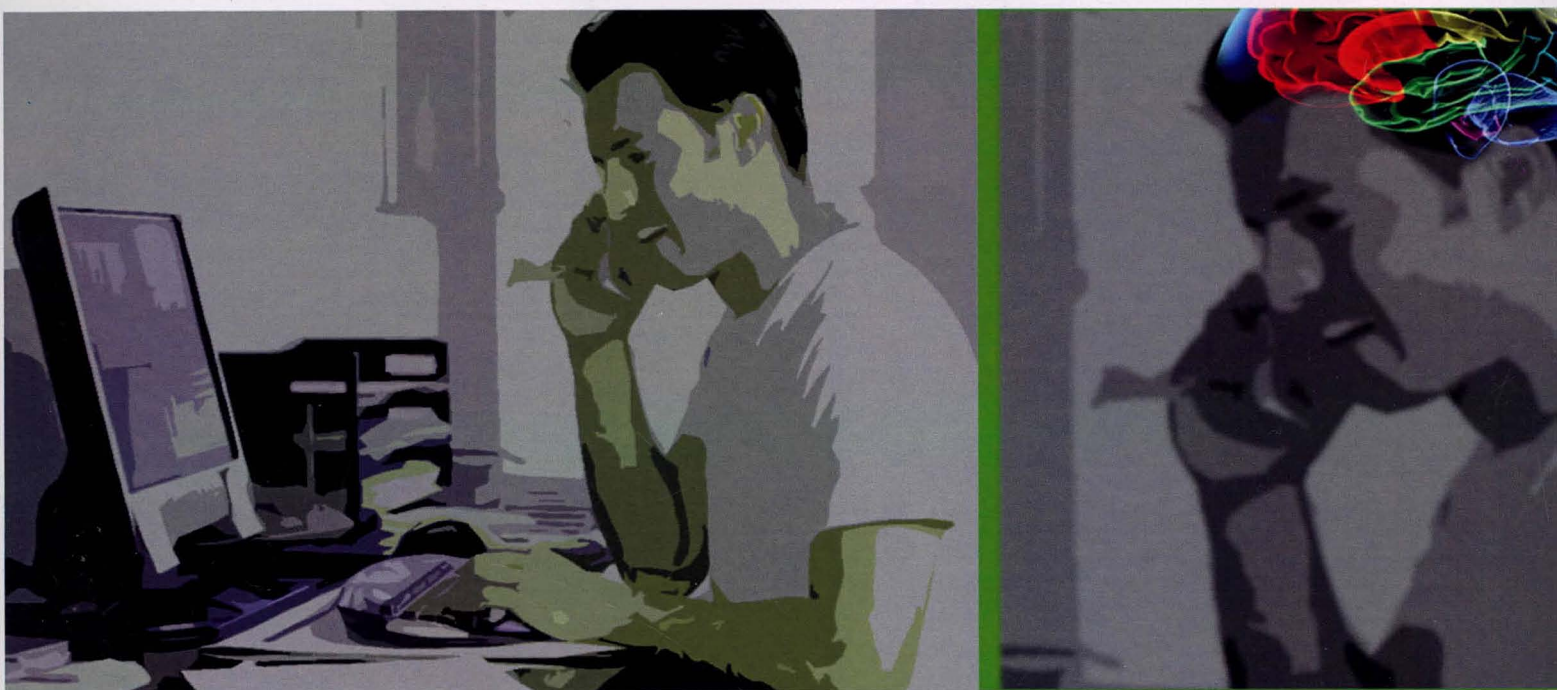


UNDERSTANDING BRAIN DEVELOPMENTAL DISORDER BASED ON EEG IN SOFT COMPUTING APPROACH

Abdul Wahab Abdul Rahman



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DISORDER BASED ON EEG
IN SOFT COMPUTING
APPROACH**

Editors

Abdul Wahab Abdul Rahman



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**UNDERSTANDING DRIVER BEHAVIOR
ACCORDING TO BRAIN SIGNAL AND DASS 21
ANALYSIS
ABDUL WAHAB ABDUL RAHMAN AND
NORZALIZA MD NOR**

16.0 Abstract

Driver behavior is indeed reckoned to be one of the highest factors influencing fatal accidents. In fact, most of the cases can be avoided if the driver would have pays more attention in controlling the vehicle while driving. The driver's decision-making ability has always been impeded resulting in traffic accident, which could also harm other road users. Thus, the driver behavior and the resulting emotion play a vital role in ensuring safety while driving. Moreover, stress might contribute to the driver behavior as well since it has a strong relationship with emotion. However, studies on pre-cursor emotion and pre-post accident condition using Electroencephalogram (EEG) pattern are scarce. Hence, this research study proposed to analyze the pre-post accident analysis to determine the correlation