

## **Unified complexity measure: a measure of complexity**

Misra, S (Misra, Sanjay)<sup>[1]</sup>; Akman, I (Akman, Ibrahim)<sup>[1]</sup>

### **Abstract**

This paper proposes a new complexity metric. The proposed metric is a unified complexity measure (UCM) and includes all major factors responsible for the complexity of a program including cognitive aspects. The applicability of the measure is evaluated through empirical, theoretical and practical validation processes. The test cases and comparative study prove its soundness and robustness.