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Abstract

According to UNICEF, Child trafficking is defined as “any person under the age 18 who is recruited, transported, transferred, harboured or received for the purpose of exploitation, either within or outside a country”. It has been mentioned in the article that children were missing overnight, as many as one every eight minutes, according to the National Crime Records Bureau. Children were trafficked for varied reasons. In this paper, we analyse the major causes for Child Trafficking and ranking the causes using the newly proposed fuzzy model Trapezoidal Neutrosophic Map (TpNCM). This model has an advantage of ranking the causes by the calculated membership value also showing the indeterminacy relation between the nodes obtained from the expert’s. This paper has four sections. Section one deals with the overall existing problem of child trafficking. Section two deals with the description of TpNCM. Section three gives the study and analysis of the problem using the prescribed model. Section four gives the conclusion and suggestion based on the study.

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Index Terms

Computer Science

Information Sciences

Keywords

FCMs NCMs TpNCMs Hidden pattern fixed point Child Trafficking.

