

## International Journal of ChemTech Research

CODEN(USA): IJCRGG, ISSN: 0974-4290, IS

ISSN(Online):2455-9555 Vol.10 No.14, pp181-189,**2017** 

ChemTech

## Exploration of factors stimulating theadsorption of Biochemicalelementsinthe Behavioural system of Childhoodusing Nonagonal weights

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Abstract: The manifestation of one's personality is behaviour, which is influenced by several factors. The foremost transformation in the pattern of human's behaviour takes place in adolescent's stage. Psychologists refer the period of teenage to be highly crucial, but now in the present scenario, the behaviour modification has started to take place in childhood. This drastic maturity without channelization has resulted in immoral behaviour. The factors contributing to it may be grouped as internal factors such as psychological, biological and the external factors such as social, economic, environmental. But recent studies have revealed that there is a close association between biochemical factors and behavioural modification. Inaddition present technological growth, nutritional diet and other related aspects has declined the moral values of them which have resulted in many crises such as molestation, harassment, unlawful activities and other critical acts. As the present children are the future leaders, behavioural regulation and development of their moral systems have to be focused, which is the prime aim of this paper. To execute it systematically fuzzy directed graphs with fuzzy nonagonalcausal weights is used. In this paper the factors causing the adhesion of biochemical elements in the behavioural system of are considered and their association and impacts over one another is quantified with nonagonal fuzzy weights. An algorithm of ranking is used to find the core stimulating factor. Keywords: childhood, behaviour, Biochemical, Fuzzy Directed Graphs, Nonagonal fuzzy number, causal.

Nivetha Martin et al/International Journal of ChemTech Research, 2017,10(14): 181-189.