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### An attempt on simplification of strange human visual perception of physical world

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Human has highly intellectual quality of perceiving the physical world through an immense sense of eyes called "Vision" and it is really mysterious in terms of "visual perception". Visual perception refers to the interpretation of what we take in through our eyes. The information congregated by our eyes is processed by our brain, creating a perception that in reality, sometimes it does not match to the true image. In other words, brain acts on a strange way that the subjective perception of physical reality of objective state, while no form of illusion has actually been created by the object. The following are some of the strange aspects human visual perceptions are considered to attempt for some simplifications, which are luminance, colour, area, length, orientation, lines, angles, distance, depth, and motion. Though the perception of some of these aspects

has been thoroughly studied, our knowledge of the rest is still shallow. Our perception is an amalgamation of various parameters of judgment. This study focuses on various such parameters that lead to the difference that occurs between objective appearance and subjective perceptions, these include – psychological, physiological, interpretational, empirical and neurological aspects. This study will assess which of these factors interact in order to deliver outputs different from reality under different conditions, and why our judgment is challenged by moderate variations in the background of our field of view, just how much do we depend on comparative analysis, and how reliable our judgment is in a situation where our comparative ability is challenged.

#### Biography

Anjana Chowdary Elapolu is a medical student in an Eminent University in the Caribbean region – Guyana, the Texila American University. She is an outstanding Junior Young Researcher in "Team NeurON" group from the same University. She is basically from India, migrated to Guyana for her Medicine study and Research activities. Her area of interest is Cognitive neuroscience and Imaging tractography. She is working over the cognitive aspect of Neuroscience, and also involved in research sub-group of Team NeurON. She also is serving as Young Research Coordinator (YRC) for the same Team NeurON group in Texila America University.

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