

A model on latent processes is discussed as to judgments in the method of constant stimuli when the following condition occurs. According to the context, the psychometric function changes its location parameter but not its slope. The interval of uncertainty for pressure stimuli applied to the tips of left and right hand fingers increases as stated above when their distances are increased by changing the position of the arms. Just-noticeable differences in various directions from a color stimulus form an ellipsoid in a color space and, when the mode of appearance is changed, its form and orientation remain the same but its size is changed. In the respective situation, the local stimulation in the sense organ is the same but, according to the context, there is something different in perception. Correspondingly, there must be some difference in excitations in the brain, which reflects on the location parameter but not on the internal noise in the process.