

Mechanisms of haptic and tactile interactions

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During mechanical interaction with our environment, we derive a perceptual experience which may be compared to that resulting from acoustic or optical stimulation. New mechanical stimulation delivery equipment capable of fine segregation of distinct cues at different length scales and different time scales now allows us to study the many aspects of haptic perception including its physics and mathematics, its biomechanics, and the computations that the nervous system could be performing to achieve a perceptual outcome.