

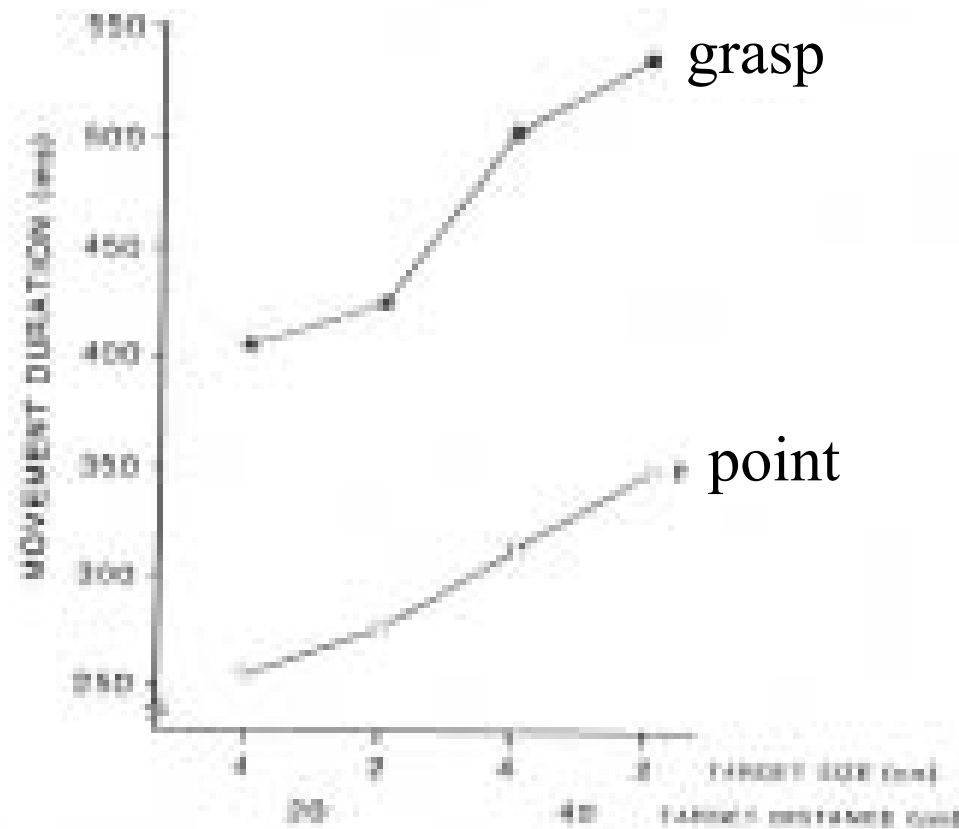


Fig. 1.6. Relationship of movement duration to task difficulty in reaching. Total movement duration has been measured in the tasks of pointing at targets and grasping discs of the same size. Target-disc sizes and distances from the subject were combined systematically in codes to vary the 'difficulty' of the task (for example, a trial involving a large target at a short distance is considered an 'easy' task, while a trial with a small target at a long distance is considered 'difficult'). In both pointing and grasping tasks, movement duration increases monotonically with task difficulty. (Data from Marteniuk *et al.*, 1987.)