

Multimodal System Input
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Introduction

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The chapter Multimodal System Input aims at providing an understanding of how input information can be recognized by a computer.

After having worked for the material of this chapter you will know that automatic speech recognition is a process where input features are classified using statistical models which are trained with prior information.

Emotion recognition can be based also on acoustic and visual input. The fusion of modalities can be take place at an early signal level or at a late decision level. Finally gesture recognition can be based on camera picture classification or on tactile input interfaces.