

Problem Formulation

Initial goal

- Identify or verify a person's psychological state through facial features and chat-bot.

Successors function

- Segmentation
 - a. Temporal segmentation
 - b. Key frame extraction
- Detection
 - a. Region segmentation
 - b. Region identification
- Recognition
 - a. Normalization
 - b. Feature extraction
 - c. Distance definition

Goal test

- Accuracy of identification

Path cost

- Speed of identification