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- Inner square part of the face is most important
- 12 i.o.d., which is most frequent case, is sufficient for recognition!
  - 24x24 face area can be extracted in each frame
- Archive faces as video clips (not in photographs)
- Test approaches on video clips of low-resolution
- Human brain (attractor neural network) based approach offers new direction for finding solution.

  —Is ready to use in small-environment scenarios (Talk-shows)
- · Also, vision allows hands-free control/interaction,

## Demos

- Demo with a pre-recorded talk show:
  - -Memorizing and Recognizing our Political Party leaders in a TV show.
  - -4 persons
  - -15 secs video clips showing each leader are used for memorization.
  - -30 mins video of the debates is used for testing the quality of recognition
- Demo with NRC-CVG facial database
- · Live Demo with the audience.
  - -Memorizing new faces right now
  - -Recognizing them (and still recognizing "Leaders")

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