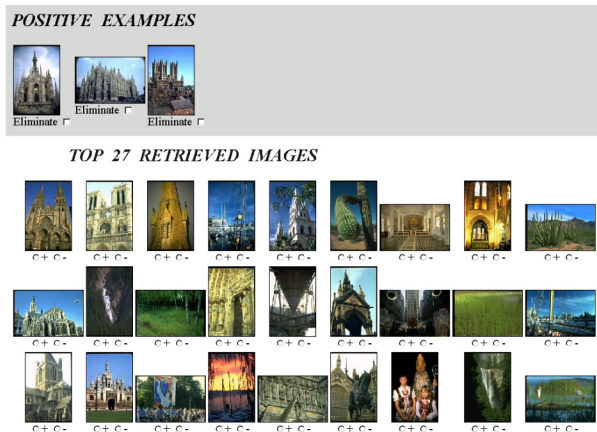## *Image Database Retrieval*

- Search for:
  - Automobiles, Landscapes, Art work, People
- Learn user preferences from feedback:
  - User gives positive and negative feedback
- Can learn complex, high-level visual queries:
  - Search of Gothic Cathedrals
  - Search for Race Cars
  - etc.

Paul Viola   *MIT AI Lab*

Progress:

- Users can specify complex queries easily
- Database search is very rapid

Paul Viola   *MIT AI Lab*

NTT: Image Database Retrieval (NTT 9807-NTT03)

Future Work:

- Summer 1999
  - Recognition of Faces in Images
  - Extension of the Complex Feature Retrieval System
    - Toward 50,000 images
- December 1999
  - Improve techniques for query learning
    - Based on Ada-Boost
  - Detection of Deformable objects.
  - Integrate Complex Feature Retrieval with Segmentation

Paul Viola   *MIT AI Lab*