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Important Problem Areas of CBIR Systems

CBIR = Content-Based Image Retrieval

- Population of image database
 - automatic computation of primitive features
 - semi-automatic computation of semantic features
 - efficient indexing schemes

Query specification

- feature-based queries
- example-based queries
- browsing interfaces
- multimodal queries

























Applications of Contents-based Image Retrieval (CBIR) Systems

- Art galleries and museum arrangements
- Architectural and engineering design
- Interior design
- Remote sensing, management of earth resources
- Geographic information systems (GIS)
- Scientific database management
- Weather forecasting
- Fabric and fashion design
- Trademark and copyright database management
- Law enforcement, criminal investigation
- Picture archiving and communication systems

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Historical Images (1)

Finding a view of Wernher von Braun

(Wernher von Braun greets an enthusiastic crowd at the Gulf South State Fair in Picayune, Miss., in October 1963.)



