

# Content-based image and video retrieval

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Description: -

- Database management.  
Multimedia systems.  
Image processing -- Digital techniques.  
Optical storage devices. Content-based image and video retrieval

- Multimedia systems and applications series -- 21 Content-based image and video retrieval

Notes: Includes bibliographical references and index.

This edition was published in 2002



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Tags: #Content #Based #Image #and #Video #Retrieval

## GitHub

A user defines the level of quality, therefore, the evaluation of an image or video retrieval system cannot be based on traditional analytic measures. Lowe DG 2004 Distinctive Image Features from Scale-Invariant Keypoints, Int.

## State

Concept-based video retrieval can operate in either automatic or interactive mode. Content-based video retrieval, on the other hand, utilizes techniques from related research fields, such as image and audio processing, computer vision, and machine learning, to automatically index the video material. The topics covered by the chapters are integrated system aspects, as well as techniques from image processing, computer vision, multimedia, databases, graphics, signal processing, and information theory.

## Video Retrieval

The color feature is an  $8 \times 4$  2D color histogram in HSV color space. We have presented a way to index the videos using PCA for video retrieval, annotation, and classification.

## GitHub

Along the way, we have faced a few issues. . We are investigating the use of some hashing techniques or some more efficient trees for faster retrieval.

## Content Based Image and Video Retrieval

We also intend to test the method with larger datasets.

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## Related Books

- [Chillicothe, Ohio, 1796-1996 - Ohios first capital](#)
- [Chromatography and electrophoresis - Belgian Society of Pharmaceutical Sciences \[Symposium proceedin](#)
- [Évolution de lindissolubilité - remariage religieux des divorcés](#)
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