



# Fractal Geometry Analysis of Color Textural Images: Concepts, Methods, Applications

*Kamal Sager, Loay George, Salih M. Ali*

Download now

[Click here](#) if your download doesn't start automatically

# Fractal Geometry Analysis of Color Textural Images: Concepts, Methods, Applications

*Kamal Sager, Loay George, Salih M. Ali*

**Fractal Geometry Analysis of Color Textural Images: Concepts, Methods, Applications** Kamal Sager, Loay George, Salih M. Ali

Color texture classification is an important step in image analysis specially for segmentation and recognition applications of textures of natural scenes, such as leaves surfaces, terrains models, etc. and also in medical applications like hist-Pathological tissue analysis. This book introduce the idea of using the concept of fractal dimension spectrum for describing, discriminating and classifying different visual textures. Two methods for estimating the fractal dimension spectra are proposed; the first method is the modified binarization method and the second is the traditional box counting method. A testing procedure was conducted to evaluate the degree of sensitivity for each kind of fractal dimension spectrum to the visual variation of the different textures. It has been shown a satisfactory results for the usage of fractal dimension spectra as textural discriminating criteria. The proposed classification methods were applied on two important set of images; the first set consists of remote sensing images, and the second set consists of breast tumors images. The higher recognition accuracy in the first set of textures images was (100%), while in the second set was (98.8%).

 [Download Fractal Geometry Analysis of Color Textural Images ...pdf](#)

 [Read Online Fractal Geometry Analysis of Color Textural Imag ...pdf](#)

## **Download and Read Free Online Fractal Geometry Analysis of Color Textural Images: Concepts, Methods, Applications Kamal Sager, Loay George, Salih M. Ali**

---

### **From reader reviews:**

#### **Marguerite Boutte:**

Do you have favorite book? Should you have, what is your favorite's book? Reserve is very important thing for us to know everything in the world. Each book has different aim or even goal; it means that book has different type. Some people really feel enjoy to spend their time and energy to read a book. They may be reading whatever they get because their hobby is actually reading a book. Why not the person who don't like studying a book? Sometime, man or woman feel need book whenever they found difficult problem or even exercise. Well, probably you'll have this Fractal Geometry Analysis of Color Textural Images: Concepts, Methods, Applications.

#### **Tanya McNeil:**

Book is to be different for each and every grade. Book for children until finally adult are different content. To be sure that book is very important normally. The book Fractal Geometry Analysis of Color Textural Images: Concepts, Methods, Applications ended up being making you to know about other expertise and of course you can take more information. It is very advantages for you. The e-book Fractal Geometry Analysis of Color Textural Images: Concepts, Methods, Applications is not only giving you a lot more new information but also being your friend when you experience bored. You can spend your own spend time to read your reserve. Try to make relationship while using book Fractal Geometry Analysis of Color Textural Images: Concepts, Methods, Applications. You never experience lose out for everything in case you read some books.

#### **Jean Gaitan:**

A lot of reserve has printed but it is unique. You can get it by web on social media. You can choose the most effective book for you, science, comic, novel, or whatever simply by searching from it. It is called of book Fractal Geometry Analysis of Color Textural Images: Concepts, Methods, Applications. You can contribute your knowledge by it. Without making the printed book, it can add your knowledge and make you happier to read. It is most significant that, you must aware about e-book. It can bring you from one destination for a other place.

#### **John Threadgill:**

What is your hobby? Have you heard in which question when you got pupils? We believe that that concern was given by teacher to the students. Many kinds of hobby, All people has different hobby. So you know that little person similar to reading or as reading through become their hobby. You must know that reading is very important along with book as to be the point. Book is important thing to add you knowledge, except your personal teacher or lecturer. You see good news or update about something by book. Amount types of books that can you decide to try be your object. One of them is Fractal Geometry Analysis of Color Textural Images: Concepts, Methods, Applications.

**Download and Read Online Fractal Geometry Analysis of Color  
Textural Images: Concepts, Methods, Applications Kamal Sager,  
Loay George, Salih M. Ali #S9KP0W24QUF**

## **Read Fractal Geometry Analysis of Color Textural Images: Concepts, Methods, Applications by Kamal Sager, Loay George, Salih M. Ali for online ebook**

Fractal Geometry Analysis of Color Textural Images: Concepts, Methods, Applications by Kamal Sager, Loay George, Salih M. Ali Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Fractal Geometry Analysis of Color Textural Images: Concepts, Methods, Applications by Kamal Sager, Loay George, Salih M. Ali books to read online.

### **Online Fractal Geometry Analysis of Color Textural Images: Concepts, Methods, Applications by Kamal Sager, Loay George, Salih M. Ali ebook PDF download**

**Fractal Geometry Analysis of Color Textural Images: Concepts, Methods, Applications by Kamal Sager, Loay George, Salih M. Ali Doc**

**Fractal Geometry Analysis of Color Textural Images: Concepts, Methods, Applications by Kamal Sager, Loay George, Salih M. Ali Mobipocket**

**Fractal Geometry Analysis of Color Textural Images: Concepts, Methods, Applications by Kamal Sager, Loay George, Salih M. Ali EPub**