Abstract

Over the last few years the Segmentation methods became very popular in image processing and analysis. Fibroid segmentation from Ultrasound Image is a complex problem in the field of medical imaging. Fibroids are Non Cancerous tumors, which grow in Female body. Sonologists use the technique called Ultrasonography, to solve diagnostic problems such as identifying the abnormal tissues or fibroids. They routinely use ultrasound information to develop an image. But images contain noise with maculation that leads to poor image quality. So it is challenge for the Researcher to apply Image Processing Concepts & Efficient algorithms for detecting & extracting the Fibroids from Ultrasound Images. Several methods of
Segmentation and Analysis of Fibroid from Ultrasound Images

Segmentation are employed for proper segmentation of images. Among all of these methods, Active contour or GVF snake method offers several advantages over other traditional segmentation techniques, because the snake is based on a unique type of external force field called GVF or Gradient Vector Flow, which can start far from the object boundary, continually moving by covering longer range will converge to boundary concavities accurately. So this proposal reflects on the segmentation of the fibroid from the 2D ultrasound images by using different segmentation technique such as GVF Snake method.

References

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Index Terms
Keywords
Ultrasound Image  Fibroid Segmentation  Active Contour