Abstract

I am trying to show stuck-at-a-state is not a hazard or damage for design architecture but can a boon for many cases. I considered different types of image analysis technique, clock rate, clock/data waveform, edge detection and RGB content’s value of an image for this research to carry on. Several performability issues has been taken care for this analysis. I have shown matlab code for simulation. Distortion of an image in case of storing time and restoration time can be taken care differently. By the hardware technique, stuck the bit-value at a level we can correct the error. In order to carry on these types of analysis we are considering the fault tolerance mechanism for dependable computing system.

References

2. Bahadir K Gunturk, John Glotzbach, Yucel Altunbasak, Ronald W. Schafer, and Russel M.

3. www.matlab.com Matlab

**Index Terms**

Computer Science  
Information Sciences

**Keywords**

RGB, Image Distortion