Sudan University of Science and Technology  
College of Engineering  
Electronics Engineering Department  


A Research Submitted in Partial fulfillment for the Requirements of the Degree of B.Sc. (Honors) in Electronics Engineering

Prepared By:

1. Aliaa Mohamed Okasha
2. Eiman Hashim Ahmed
3. Razan Abdelhadi Abdelati
4. Reham Abdurhman Ali
5. Shahd Alfatih Ahmed

Supervised By:

Dr. Ashraf Gsm Alseed  
September 2015