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# Enhancements to Low Density Parity Check (LDPC) codes

By

**Khaled AbdElKhalik ElSayed ElMahgoub**

A Thesis Submitted to the  
Faculty of Engineering at Cairo University  
in Partial Fulfillment of the  
Requirements for the Degree of  
**Master of Science**  
in  
**Electronics and Electrical Communications Engineering**

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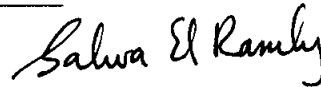
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