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شبكة المعلومات الجامعية
التوثيق الالكتروني والميكروفيلم



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**TWO NOISE REDUCTION METHODS IN OPTICAL
ENGINEERING APPLICATIONS**

by

Hany Ayad Abdallah Bastawrous

**A Thesis Submitted to the
Faculty of Engineering at Cairo University
in Partial Fulfillment of the
Requirement for the Degree of**

MASTER OF SCIENCE

in

ELECTRONICS AND COMMUNICATIONS ENGINEERING

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GIZA, EGYPT

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