

SUDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY
COLLEGE OF GRADUATE STUDIES

**MODEL REFERENCE ADAPTIVE CONTROL DESIGN
OF DC MOTOR USING FUZZY CONTROLLER**

**تصميم تحكم نموذجي مرجعي تكيفي لمحرك التيار
المستمر باستخدام المتحكم الغامض**

A Thesis Submitted in Partial Fulfillment to the Requirements
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