



**SUDAN UNIVERSITY OF SCIENCE AND
TECHNOLOGY
COLLEGE OF GRADUATE STUDIES**

**Comparison between Analytical and Numerical
Modeling for Steam Flooding Oil Recovery
(A case study of A Sudanese Oil field)**

مقارنة النماذج التحليلية والعدديه لإستخلاص الزيت عن طريق الغمر بالبخر
(دراسة حالة لحقل نפט سوداني)

**A THESIS SUBMITTED IN PARTIAL FULFILMENTS FOR THE
DEGREE OF M.Sc IN PETROLEUM RESERVOIR ENGINEERING**

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