

بسم الله الرحمن الرحيم

Sudan University of Science and Technology

College of Postgraduate Studies

**Failure Detection and Identification (FDI) for
Internal Combustion Engine Using Soft Computing**

إكتشاف و تشخيص أعطال ماكينة الاحتراق
الداخلي بإستخدام الحساب المرن

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