

Sudan University of Science and Technology College of Graduate Studies



Gabor Windows and Dual Systems with Characterizations of Modulation Spaces of Localization Operators

نوافذ جابور والأنظمة المزدوجة طبقا لتشخيصات الفضاءات المعدلة للمؤثرات الموضعية

A Thesis Submitted in Fulfillment of Requirements For Ph.D in Mathematics

By:

Amna Mohamed Ali Mohamed

Supervisor:

Prof. Dr.Shawgy Hussein Abd Alla