

Salahaddin University-Erbil  
College of Education  
Department of Physics



Ministry of Higher  
Education and  
Scientific Research

This is to certify that

Dr Amir Abdulrahman Ahmad

Has presented the 3rd departmental seminar entitled:  
“Representing a particle in QM: from Dirac delta function  
to Fourier transform and Uncertainty principle”  
on 12<sup>th</sup> Jan 2021. Erbil-Iraq

A handwritten signature in white ink on a dark blue background, reading 'Azeez Barzinjy'.

Asst. Prof. Dr Azeez Barzinjy  
Chairman of the seminars committee

A handwritten signature in white ink on a dark blue background, reading 'Rashad Hasan'.

Dr Rashad Hasan  
Head of the department