Military Technical College, Cairo, Egypt July 25 – 28, 2016



MAT-2

Graphite-on-Paper Circuit (Home Made)

Safaa Ied Hamed Al-Saedi

Al-Mustansiryah University, College of Education – Physics Department, Iraq, safaa_ied@yahoo.com

Supervisor: Prof. Dr.Hayfa G.Rashid, Al-Mustansiryah University, College of Education, Iraq, hayfa gh rasheed@yahoo.com

The present work investigate , construct our own potentiometer and emergency resistance with graphite that they draw on paperand be able to operate a potentiometer and understand what it is measuring. Also, correlate the resistance with conductivity of the circuit. Further using x-ray diffraction to study the crystal structure of graphite.