

What technique(s) could you use to distinguish the mechanism?



Ask it nicely isopotic labelling isotope effect measurement
Mass Spec NMR Pint of tennents Raman Raman
cyclic voltammetry TEM XRD EIS x-ray
X-ray diffraction compchem EPR Crystallography Voltammetry
Magnetic moment Uv-vis Skulls SEM isotopic labelling Relative speed
Photo-spectroscopy Neutron diffraction Ion swap (changes mobility)
filling the vacancy Activation energy