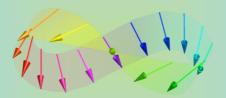
Information Storage and Spintronics Practical Session 2

Energy DispersiveX-Ray Spectroscopy ~



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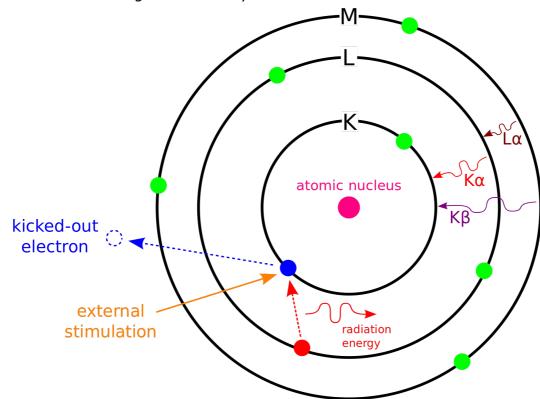


13:00 Wednesday, 19/October/2022



Characteristic X-Ray

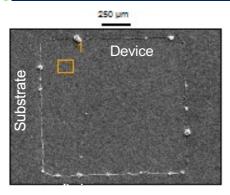
Electron relaxation generates X-ray radiation:

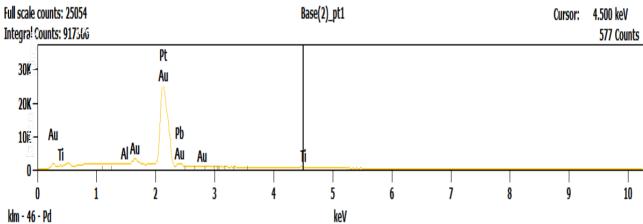


* https://en.wikipedia.org/



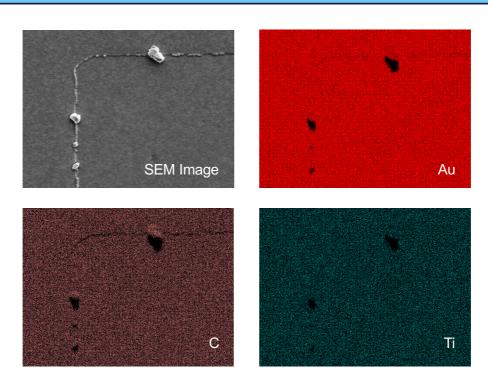






W.

EDX Mapping



V.

EDX Data Analysis

Determination of ferromagnetic and non-magnetic materials :

Using EDX mapping, ferromagnetic and non-magnetic materials can be determined.

Estimation of ferromagnetic grains :

Using EDX mapping, the size of ferromagnetic grains can be estimated. If possible, obtain a histogram of the grain-size distribution.