

26. Quantitative EDX**Problems**

26.1 EDX spectra are taken from three alloy samples. The integrated intensities for characteristic peaks are shown below:

sample	formula	I_{Ag} (counts)	I_{Au} (counts)	I_{Pt} (counts)
1	$\text{Ag}_{0.68}\text{Au}_{0.32}$	836	278	-
2	$\text{Ag}_{0.88}\text{Pt}_{0.12}$	498	-	116
3	$\text{Au}_{1-z}\text{Pt}_z$	-	352	573

Find the composition parameter z for sample 3.