



UNIVERSITÀ DEGLI STUDI
DI TRENTO

DIPARTIMENTO DI INGEGNERIA INDUSTRIALE

-
- Domande orale 1

Selezione 437/2023

1. How to determine the amorphous quantity in a powder sample?
2. In a diffractometer, which are the hardware elements that control the safety and how they work in relationship with the measurement and maintenance procedures?
3. Descrivere l'organizzazione delle attività di ricerca in Ateneo
4. Can you draft (using a scheme) a typical software interface library to connect and control a diffractometer using TCP/IP?



-
- Domande orale 2

Selezione 437/2023

1. How to determine qualitatively the phases present in a powder sample by X-ray diffraction?
2. What is the procedure to align a 4 circles diffractometer with an Eulerian cradle? Which are the safety requirements about this procedure?
3. Quali sono le funzioni e gli obblighi del rettore dell'Università?
4. Can you draft a software scheme for a multithreading control system of a X-ray diffractometer?