Assignment-12

The due date for submitting this assignment has passed. Due on 2017-10-16, 23:59 IST.

Submitted assignment

1) The diffraction spots on a back reflection Laue photograph lie on: 
   - Ellipses
   - Hyperbolas
   - Circles
   - Squares

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Hyperbolas

2) The angular co-ordinates, γ and δ, of all the plane normal, corresponding to the diffraction spots, in the back reflection Laue method, can be determined from:
   - Leonhardt chart
   - Wulff Net
   - Greninger chart

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Greninger chart

3) The measurement of uniform elastic strain in a body can be carried out from the measurement of ________ of a diffraction line
   - shift
   - broadening
   - maximum intensity
   - half maximum intensity

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   shift

4) The probable error in the single exposure back reflection pinhole method is substantially ______ than in case of the double exposure method
   - Higher
   - Lower

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Higher

https://onlinecourses.nptel.ac.in/noc17_mm11/unit?unit=94&assessment=110
The stress $\sigma_\phi$ acting in some specified direction in a polycrystalline material, can be measured by ________ method

- back reflection Laue
- transmission Laue
- back reflection pinhole

No, the answer is incorrect.
Score: 0
Accepted Answers:
back reflection pinhole