SNS COLLEGE OF TECHNOLOGY (AN AUTONOMOUS INSTITUTION)





SNS Kalvi Nagar,Saravanampatti Post Coimbatore - 641 035 Approved by AICTE, New Delhi .Affiliated to Anna University, Chennai Accredited by NBA & accredited by NAAC with 'A+' Grade, Recognized byUGC

d). Calculate like d of three important planes (100). (110). 111 of sec.

$$d_{100} = \frac{a}{\sqrt{12+0+0}} \Rightarrow \frac{a}{\sqrt{2}}$$

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(b). The distance blue (10) plane in a Bec Structure is \$2.03 Å.
what is the stree of ones cell,

$$d_{110} = \frac{a}{\sqrt{12+0+0}} \Rightarrow \frac{a}{\sqrt{2}}$$

$$\frac{2.03 \times 10^{10} \times 15 = a}{\sqrt{12+0+0}} \Rightarrow \frac{a}{\sqrt{2}}$$
(c) show that for a sece dive dive dimension $\sqrt{10} \cdot \sqrt{5} \cdot \sqrt{3} \cdot \sqrt{2}$

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