

Summary

Following concepts are learnt from this lecture,

- Two non-intersecting lines i.e., non-co-planar lines are called skew lines.
- If the lines are Co-planar i.e., intersecting the angle between the lines.
- If a line makes an angles α, β & γ with positive directions of the x,y and z-axis respectively then $\cos\alpha, \cos\beta$ & $\cos\gamma$ are called direction cosine of the given line.
- $\cos^2\alpha + \cos^2\beta + \cos^2\gamma = 1$ is the relation between direction cosines.