
VIRTUAL METROLOGY TECHNIQUES BY 3D OPTICAL DIGITIZATION (16 HORAS)

COURSE CONTENT

1. Mathematical foundations of the point cloud
2. Uncertainty and anisotropy
3. Virtual probing techniques
4. Computational Geometry Techniques
5. 3D vision techniques
6. Basic geometric elements: Raw Surface Point, Qualified Surface Point
7. Raw Edge Point, Qualified Edge Point
8. Construction of plane geometries
9. 3D geometry construction
10. Segmentation of point clouds
11. Alignments
12. Introduction to GFX