

Chapter Five

Conclusions and recommendations

5-1 Conclusions

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5-1 Conclusions

1. TX5 could be easily used for interior and exterior 3D cloud Modeling of objects .See section (4-3-5).
2. The results of the 3D Model can be easily exported to other formats and software like Autocad,3D studio Max and Autodesk Recap, where 3D Model can further processed The 3D Model could be used to creat real world section and plans of Buildings and features .See section (4-3-5).
3. Using TX5 ,its easy to make models of large object like Building using multistation principle and GNSS/GPS.See section (4-3-3).
4. In 3D Laser scanning Millions of points are scanned in true color .This requires huge memory usage and processing time .for example the model had (5-8) GB storage and processing and Modeling required half hour of process using workstation. See section (4-3-4).

5-2 Recommendations

After finishing the project the following is recommended:

1. Use indoors better than use abroad.
2. The outside can be represented using Drone. See section (4-2-2)
3. The two devices can be combined See section (4-3-5)
4. It is used in the documentation of archaeological buildings and monuments because they have a high morgue.
5. They are easily used to make longitudinal and transverse sections used in architecture for their saving potential

5-3 Reference

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