POLITECNICO DI TORINO

Master's Degree in Mathematical Engineering

Master's Degree Thesis

Segmenting dynamic points in 3D scenarios

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Summary

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Acknowledgements

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Acronyms

AI

artificial intelligence

Chapter 1

Related Works

1. Epic Kitchens
2. Epic Fields
3. Photogrammetry
4. COLMAP
5. NeRF
6. NeuralDiff
7. Monocular Depth Estimation
8. (N3F)
9. (Gaussian Splatting)

1.1 Photogrammetry

Photogrammetry is the science and technology of obtaining reliable information about physical objects and the environment through the process of recording, measuring and interpreting photographic images and patterns of electromagnetic radiant imagery and other phenomena[1].

Appendix A

Galileo

```
    import os
    os.system("echo 1")
```

$\mathcal{O}\left(n \log n\right)$
`numpy`

Bibliography

[1] ASPRS online Archived May 20, 2015, at the Wayback Machine (cit. on p. 1).