

# Volume estimation via integrating on a curve fitted point cloud

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add logos

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# Overall structure

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# The problem and the goal

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# The hardware

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# Extracting the point cloud

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# Denoising the point cloud

# The ICP algorithm

# Curve fitting with Linear Interpolation



$$\iiint_V f(x, y, z) \, dx \, dy \, dz \quad (1)$$

# Results

# References

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