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Examples of Range Data

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Range Data Examples



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Range Data Examples

Kinect Structured light: IR random dot pattern - covers 2D simultaneously rather than a swept stripe Depth by triangulated matching patterns Typical image 640 x 480, captured from c. 1-4m Typical depth point spacing 1mm x 1mm x 2mm

- Typical depth point spacing 1mm x 1mm x 2mm (gets larger as target is further away)
- Can get RGB for every pixel, but not synchronised with depth image
- Cheap and reliable!

What We Have Learned

• Some example ?

- Some typical problems with range data
- Some example sensor systems

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