



Advanced US sensor for robotics

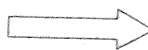
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Ultrasounds

Low level processing
Time-of-flight determination



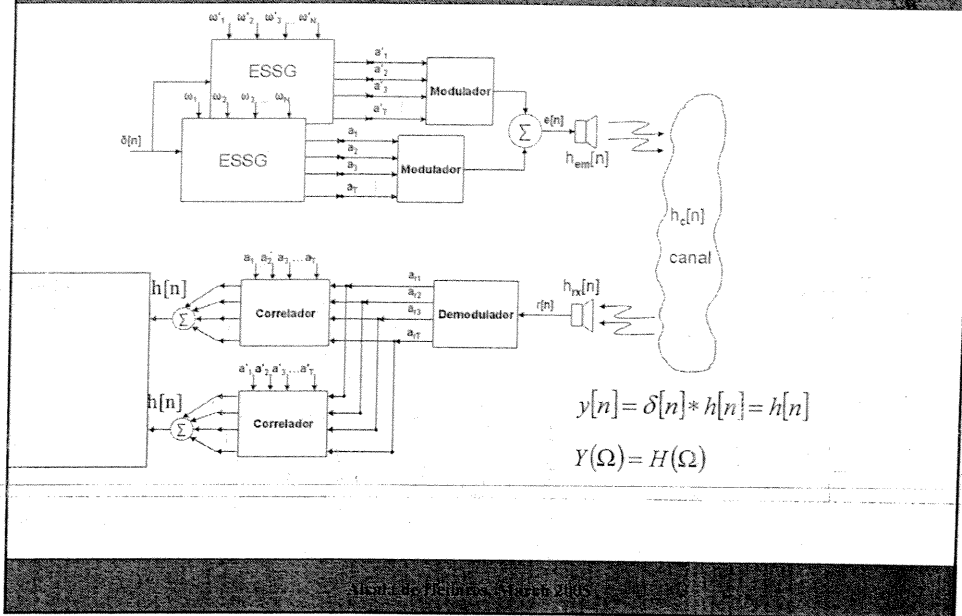
High level processing
Solutions to robotic questions

Applications

- Obstacle searching.
- Mapping.
- Navigation.

Problems

- Low sensibility.
- Crosstalk.
- Multiple reflections.
- Reduced scanning speed.
- Noise influence.
- Multiple echoes.

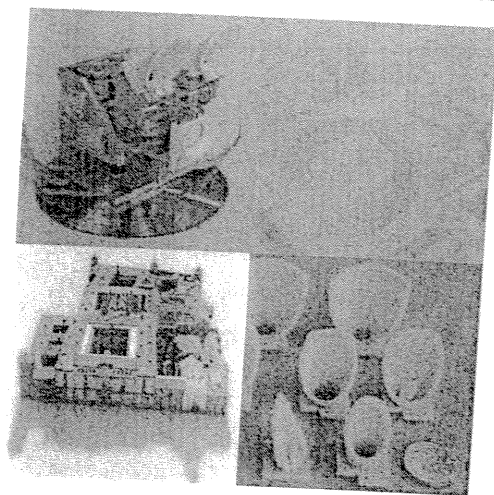


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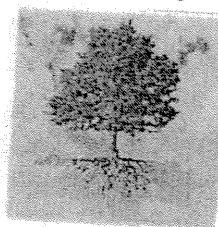
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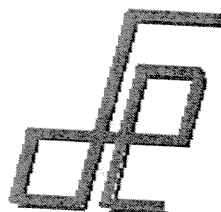
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Organised by:



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