

### **A solution to perceptual aliasing through probabilistic fuzzy logic and SIFT**

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### **Current velocity estimation using a lateral line probe**

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### **Flow feature extraction for underwater robot localization : preliminary results**

**Muhammad, Naveed**; Strokina, Nataliya; **Toming, Gert; Tuhtan, Jeffrey Andrew**; Kämäräinen, Joni-Kristian; **Kruusmaa, Maarja** 2015 IEEE International Conference on Robotics and Automation (ICRA) : Washington State Convention Center, Seattle, Washington, May 26-30, 2015 2015 / p. 1125-1130 : ill <https://doi.org/10.1109/ICRA.2015.7139317> Conference proceedings at Scopus Article at Scopus Article at WOS

### **Human detection and following by a mobile robot using 3D features**

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### **Human tracking by a mobile robot using 3D features**

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### **Hydrodynamic classification of natural flows using an artificial lateral line and frequency domain features**

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### **Map-based localization and loop-closure detection from a moving underwater platform using flow features**

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