Remotely Operated Vehicle (ROV) with Touch Sensing Control

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- I. INTRODUCTION
- II. TOUCHING PAD

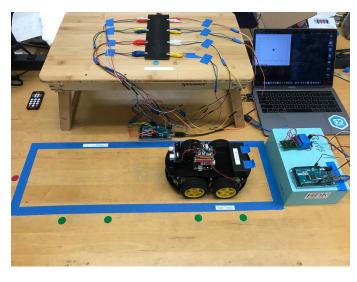


FIG. 1. Setup of ROV and touching pad

- A. Electric sensing principle
 - B. Touching pad setup
 - C. Measuring procedures
 - D. Implementation

III. VISUALIZATION AND FINGER LOCALIZATION

- A. Voltage color-map
- B. Machine learning for finger localization
- IV. REMOTELY OPERATED ROBOT (ROV)
 - A. Modules
 - B. Control method
 - C. Communication with the touching pad

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^[2] Y. Z. Sang Ho Yoon, Ke Huo, Proceedings of the 2017

UIST Conference on Flexible Sensing (2017).

^[3] J. A. P. Thomas G. Zimmerman, Joshua R. Smith, Proceedings of the 1995 CHI Conference on MOSAIC OF CREATIVITY (1995).