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Special Issue ISMCR’2018 of Acta IMEKO

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November 21st, 2018

Dear Prof. Dusan Agrez,

Dear Prof. Yvan Baudoin,

we would like to submit the manuscript entitled “Coverage path planning for a flock of aerial vehicles to support autonomous rovers through traversability analysis” by Dario Calogero Guastella, Luciano Cantelli, Domenico Longo, Carmelo Donato Melita, and Giovanni Muscato to the Special Issue ISMCR’2018 of ACTA IMEKO.

It is an extended version of the original paper entitled “Coverage path planning by swarm of UAVs for UGV traversability analysis” presented at the 21st International Symposium on Measurement and Control in Robotics 2018.

The main modifications concern:

* the extension of the related literature review
* the improved description of the proposed approach and strategy
* the enhanced explanation of the figures included in the manuscript
* the addition of Section 5 about the experimental setup and the testing
* the addition of Figure 5 depicting a map of traversing costs of a real scenario

We believe that this manuscript is appropriate for publication by ACTA IMEKO because it fits the aims and scope of your journal.

Thank you for your consideration of this manuscript.

Yours Sincerely,

Dario Calogero Guastella