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Comments on “Multivalued robust tracking control of Lagrange systems: Continuous and discrete-time algorithms”

Félix A. Miranda-Villatoro †, Bernard Brogliato *, and Fernando Castaños ‡

Abstract—Unfortunate mistakes in the statements of Theorems 1 and 6 in the above paper are corrected.

The first point of [1, Theorem 1] should read

1) σ is continuous and $\dot{\sigma}$ is essentially bounded on bounded sets.

The sentence before (62) in [1, Theorem 6] should be replaced by

Then, we can find a subsequence of sampling times h converging to zero such that (σ_h, \tilde{q}_h) converges to (σ, \tilde{q}) , where (σ, \tilde{q}) is a solution of

REFERENCES

- [1] F. Miranda, B. Brogliato, and F. Castaños, “Multivalued robust tracking control of Lagrange systems: Continuous and discrete-time algorithms,” *IEEE Trans. Autom. Control*, vol. 62, pp. 4436 – 4450, Sep. 2017.

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