ERRATA FOR THE PRINTED VERSION OF "CONTROLLER DESIGN FOR ROBUST OUTPUT REGULATION OF REGULAR LINEAR SYSTEMS"

In the article [2] the closed-loop stability in the case of controllers studied in Section IV is not justified properly (Theorems 8 and 11). In the case where X is a Hilbert space, the stability of the closed-loop systems follow in a straightforward manner from the Gearhart–Prüss–Greiner Theorem [1, Thm. V.1.11], but in the case where X is a more general Banach space the question of the closed-loop stability is still open.

References

- [1] Klaus-Jochen Engel and Rainer Nagel. One-Parameter Semigroups for Linear Evolution Equations. Springer-Verlag, New York, 2000.
- [2] L. Paunonen. Controller design for robust output regulation of regular linear systems. IEEE Trans. Automat. Control, 61(10):2974–2986, 2016.