Reply to the referee report of Dr. Gergely Röst

The author thank the reviewer for his thorough review. Please find below a detailed response to the comments and questions.

- What are exactly the role and significance of using C and y in the results?

  Yes, you are right. The output matrix C does not play any role in the technique we use to prove BIBO stability. All results could have been formulated so that the solution $x(t)$ is bounded, and it would imply that the output of the system is bounded.

- Can the candidate comment on the difficulties of developing schemes for Volterra equations?

  The approximation method described in Section 2.7 can be applied for Volterra integral equations too (see [52] in the Thesis). The computational complexity of the numerical scheeme is larger than for delay equations, but there is no theoretical difficulty to apply the scheme for the Volterra case.

Veszprém, June 19, 2013.

Essam Awwad

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