Interactive comment on "Methodology for the engineering calculation of flaps on Wind Turbines using BEM codes" *by* Maria Aparicio-Sanchez et al.

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Thank you very much for your comments. We will try to include most of your suggestions in the final revision of the paper.

Regarding the specific doubts, we have answered them.

- What is 'another kind of control devices? which one? *Vortex generators are one of the examples of control devices (included in the conclusions)*

- 'Extremes' of the flap makes no sense. I assume you mean the spanwise edges. *Yes, I will modify it*

C1

- line 10: lower computational costs : lower than what? *Lower than higher level codes (CFD, vortex methods)*

- what rigid effects are you talking about? *we have calculated assuming rigid blades)*

- Please elaborate more on the effects of synchronous vs synchronous actuators in flap deflection and pitch and state that in the conclusions. This seems to be an important point judging from the figures and for further implementation and validation. *I do not understand your question. However, I would like to clarify that the main problem in the two-dimensional simulations was that the inputs were not exactly equal to the experimental data. We have solved it, and the simulations have been corrected, with the same conclusions, and a better convergence of the unsteady cycles.*

- Regarding the use of language, we will try to improve the document.