

***Interactive comment on “Implementation of the Blade Element Momentum Model on a Polar Grid and its Aeroelastic Load Impact” by Helge Aagaard Madsen et al.***

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Dear authors,

It seems to me there might be a typo in equations 17 to 19, unless I misunderstood something. Considering a zero degree yaw angle,  $k_{a,i}$  coefficients all vanish to zero (eq. 19). Thus, from equation (18), the  $k_a$  coefficient is also zero (by the way, there is a double closing bracket here). We finally obtain zero induction, from equation (17). I did not checked, but in equation (17),  $k_a$  should probably be replaced by  $(1-k_a)$ ?

Best regards.

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Interactive comment on Wind Energ. Sci. Discuss., <https://doi.org/10.5194/wes-2019-53>, 2019.

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