

Interactive comment on “How does turbulence change approaching a rotor?” by Jakob Mann et al.

M. Pedersen

mmpe@dtu.dk

Received and published: 7 December 2017

On page 1, line 22-23 you write that Simley et al. (2016) see a slight rotation of the inflow in front of the rotor.

As I understand Simley et al. (2016), they see the rotation behind the rotor. Upstream they also see a slightly positive w -component, but they explain it as "due to the gently sloping nature of the terrain between the fjord and the V27."

See also page 1-9 in "Basismateriale for beregning af propelvindmøller" (http://orbit.dtu.dk/files/53702664/ris_m_2153.pdf) which says there is no way the tangential force can affect the upsteam flow because there, in practice, is no internal friction in the air.

Printer-friendly version

Discussion paper



[Printer-friendly version](#)

[Discussion paper](#)

