

## ***Interactive comment on “Development of new strategies for optimized structural monitoring of wind farms: description of the experimental field” by João Pacheco et al.***

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p.2, l.48: "a few number of easy to install sensors" - " a few number" does not read good. p.4 the phrase "of variable height in section" is unclear same sentence: "bolted-connections" - mistype Please check the consistency using a space between the value and the unit: "12m/s" but "20 m/s", also "100 m diameter rotor" but "height of 95m" p.4, l.83: "since the main purpose is to simulate the dynamic behaviour of the tower". The main purpose of what? Of the entire project or of the numerical model? If the authors mean the entire project, it would be necessary to reflect this somewhere in the introduction. p.7, l.124 "the harmonic frequencies associated with to rotor operation" ->

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two rotor operations? p.7, fig.8a: It is hard to see if there are "blue" peaks behind the red ones for the 1st and 2nd tower modes p.8, l.150: what is a MEM accelerometer? Do you mean MEMS accelerometers? p.16, fig.20. What are the units of the vertical axes?

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