Dear,

Thank you very much for the referee report. Please find attached new version of our paper that complies with the referee’s suggestions and remarks, except for the following item [herewith copied]:

“in all the figures, to use for time the same notation, either t or tau;

likewise, for the deviation use on the plots either \sigma or \sigma^2”.

It is important to stress (as we did in the new version of the paper): we present formally the different quantities [please see on pages 4 and 6] in our figures. In figures 1-3 we present the dimensionless quantities (now precisely defined in the new version of our paper) with respect to the parameter $\tau$ (scaled time). Those results are obtained analytically, and it turned out to give better visibility than the squares of the considered quantities. In figures 4-8 are presented the results that follow from the numerical calculations. It turned out that numerical errors and visibility of the graphs are improved for the non-scaled squares of the standard deviation and non-scaled time; otherwise, e.g., Figures 4 and 7 become practically unreadable (noninformative). The physical conclusions do not qualitatively (that is our goal) depend on the practical choices of the presented quantities; the dimensionless quantities in figures 1-3 represent simply the choice of the physical units, while the square and the linear deviations give qualitatively the same results. All the presented results are chosen from the results presented in our references [4,5].

The changes made in the text:

Corrected Captions regarding Figures 3 and 4.

Page 4: “The obtained results are shown in Figures 1 - 8, where we emphasize dependence on the number of the blades. For convenience and better visibility, in Figures 1 – 3 we present the analytically obtained results for the dimensionless quantities, , for the standard deviations of the angle and the angular momentum observables, and the scaled time , where is time [4]; the surfaces presenting the corresponding classical cases are below the quantum-mechanical counterparts.”.

Page 6: “The numerically obtained results are presented in Figures 4-8. In order to reduce numerical errors and improve visibility of the presented results, the squares of the standard deviations are presented in the non-scaled time .”.

.A few technical corrections in the list of references.

I am looking forward to hearing from you.

Sincerely yours

Igor Petrovic