Last week I wanted to install intel fortran programme, but there was something wrong of my laptop. I sent my computer to IT administer, and it took 2 days to solve this problem. During these days I read some papers and talked with Mohsen about his experiment to get some experience.

The normalized standard deviation is expressed as:



The expression for the ISSC wave spectrum is:





Most probable maximum normalized bending stresses in the floater.



Transfer functions for the maximum bending stresses and normalized wave spectra



Undamped transfer function for maximum relative motion with respect to wave circular frequency for 1 torus

 Undamped transfer function for maximum relative motion with respect to wave circular frequency for 2 tori

Transfer function for maximum relative vertical motion between the floater center line and the first order surface with respect to the circular wave frequency for 2 tori



Transfer function for maximum relative vertical motion between the floater center line and the first order surface with respect to the circular wave frequency for 1 torus and 2 tori



Undamped transfer function for maximum bending stress with respect to wave circular frequency for 1 torus



Undamped transfer function for maximum bending stress with respect to wave circular frequency for 2 tori