

REPLIES DURING THE GOOGLE GROUP ‘KURANISHI’ DISCUSSION

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There have been discussions on the Kuranishi structure in a google group named ‘kuranishi’ since March 2012 between some limited number of invited relevant mathematicians on the subject. There were demands by some members in the group on the details of the theory on the Kuranishi structure and on its implementation into e.g., the Gromov-Witten theory. To clear the air, we decided to make a more thorough presentation of the Kuranishi structure and its implementation in the context of open Gromov-Witten invariants (or in the context of the FOOO-book), which in particular obviously includes the case of (closed) Gromov-Witten invariants. These are the collection of replies some by Fukaya-Ono and others by Fukaya-Oh-Ohta-Ono.

Any comments or corrections will be welcome.