

## *In the name of god*

Dear professors,

Thank you so much for your valuable guidance. The listed comments were applied to paper and in the following a detailed point- by- point response to the comments has been prepared.

1. The terms in equations have been defined.
2. Generally experimental researches on CNT/cement composites are very low. For verification in this paper, was tried to bring all of the experimental researches that matched to a large extent with assumptions of represented analytical method but it's specific from experiments that they aren't in completely identical conditions. Clearly, the more experimental data is more effective. Preparing the CNT/cement composite samples in this research was our target but unfortunately the circumstances weren't prepared, we hope this will be performed in the future.
3. As was stated in paper, at first for simplicity of computations carbon nanotubes are assumed to be oriented unidirectionally in the CNT/cement composite. In following the represented model was generalized for CNT/cement composites with random orientation of carbon nanotube fibers. Although nowadays CNT/cement composites with unidirectional orientation of carbon nanotubes can be prepared in laboratory. This must be noticed that because of high length to diameter ratio, carbon nanotubes may not be completely straight into representative elementary volume. But we assume CNT is straight in the continuum mechanics method (macro scale). This point was mentioned in paper.