Editor's comment:

I kindly advise the author to further improve the manuscript according to the following comments:

1. The topic of the paper "Torque ripple minimization in Switch Reluctance Motor using Model Predictive Control for water pumping application" is not justified in the content. There is no proof or relation of water pumping application in the content of the paper. I suggest to change the title of the paper as "Simulation of torque ripple minimization in Switch Reluctance Motor using Model Predictive Control".

2. There is no practical possibility of zero percentage torque ripple in any control. This is based on certain assumptions in control parameters.

3. Simulation has to be done on real data not on trail data as done here. Hence real motor parameters has to be used and re-simulation is suggested.

Author's comment:

1. It is important to note that the load is modeled by its torque. In the water pumping application, we used the model of the centrifugal pump which is given by the expression 2.2. This expression is used in the relation between the electromagnetic and the load torque (see relation 2.3). Thus, in the title we're completed 'water pumping application' because it is the used load. This relation can already be seen in the work of Singh and Sweta (attached files).

2. In the simulation work, if the parameters are well determined, it is possible to get zero percentage torque ripple in a control. For example, see the attached files of Singh and Sweta.

3. The simulation was done with the real parameters. We already completed for the work the used parameters (see table 1).