Dear Editors,

We would like to submit the enclosed manuscript entitled "Fine-grained mommagraphy object detection with multiple feature fusion transfer learning", which we wish to be considered for publication in "Neural Computation". No conflict of interest exits in the submission of this manuscript, and manuscript is approved by all authors for publication. I would like to declare on behalf of my co-authors that the work described was original research that has not been published previously, and not under consideration for publication elsewhere, in whole or in part. All the authors listed have approved the manuscript that is enclosed.

In this work, a new novel network struction to mommagraphy object detection is proposed. The main idea of basing on the hash to learning's strategy which has applied by hash learning in the deep network is cited to enhance the generalization ability of the model and solve the challenge
of high-dimensional calculation in deep learning, and fusing network that makes use of multiple transfer learning models in inference, to improve the accuracy on the test set.
We deeply appreciate your consideration of our manuscript, and we look forward to receiving comments from the reviewers. If you have any queries, please don't hesitate to contact me at the address below.

Thank you and best regards.
Yours sincerely,
Shihao Lv et.al.