

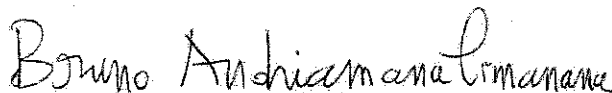
NON-CONVEX OPTIMIZATION: RMSPROP BASED OPTIMIZATION FOR LONG  
SHORT-TERM MEMORY NETWORK

Except where reference is made to the work of others, the work described in this project is my own or was done in collaboration with my advisory committee. Further, the content of this project is truthful in regards to my own work and the portrayal of others' work. This project does not include proprietary or classified information.

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Jianzhi Yan

Certificate of Approval:

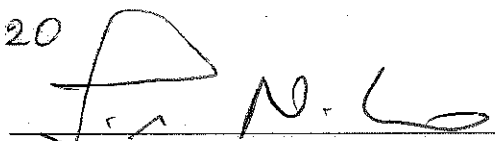


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