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- **Sharat Chandra Mahto**, Sandip Ghosh, R. K. Saket, and Shyam Krishna Nagar, “*Stability Analysis of Delayed Neural Network using New Delay-Product based Functionals*”, Neurocomputing 417(2020) 106-113.
- **Sharat Chandra Mahto**, Durgesh Kumar, Shyam Kamal, Asif Chalanga, Xiaogang Xiong, Shanhai Jin, and Shyam Krishna Nagar, “*Nonsmooth PI Controller for Uncertain Systems*”. IEEE Access 8(2020): pp. 124792-124801.
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- Shyam Kamal, **Sharat Chandra Mahto**, Durgesh Kumar, Aishwarya Bharti, X. Xu, Sandip Ghosh, S. K. Nagar, “*Artificial Delayed Output Twisting Algorithm*”, IEEE Transactions on Circuits and Systems II: Express Briefs. (Revised and Re-submitted).

Chapter

- **Sharat Chandra Mahto**, Sandip Ghosh, Shyam Krishna Nagar, and Pawel Dworak, “*New Delay Product Type Lyapunov-Krasovskii Functional for Stability Analysis of Time-Delay System*”, In Advanced Contemporary Control, pp. 372-383. Springer, Cham, 2020.