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List of Publications

1. **Sunny Singh**, Umesh Kumar, Subir Das, F Alsaadi, Jinde Cao. "Synchronization of quaternion-valued neural networks with mixed time delays using Lyapunov function method," *Neural Processing Letters*, 54, 785–801, (2022).

2. **Sunny Singh**, Umesh Kumar, Subir Das, Jinde cao. "Global Exponential Stability of Inertial Cohen–Grossberg Neural Networks with Time-Varying Delays via Feedback and Adaptive Control Schemes: Non-reduction Order Approach," *Neural Processing Letters*, 55, 4347–4363, (2023)

3. Ankit Kumar, **Sunny Singh**, Subir Das, Yang Cao. "Projective quasi-synchronization of complex-valued recurrent neural networks with proportional delay and mismatched parameters via matrix measure approach," *Engineering Applications of Artificial Intelligence*, 126, pages 106800, (2023).

4. **Sunny Singh**, Subir Das, Shiv Shankar Chouhan, Jinde Cao. "Anti-synchronization of inertial neural networks with quaternion-valued and unbounded delays: Non-reduction and non-separation approach," *Knowledge-Based Systems*, 278, Pages 110903, (2023).

5. Ankit Kumar, Subir Das, **Sunny Singh**. "Quasi-projective synchronization of inertial complex-valued recurrent neural networks with mixed time-varying delay

and mismatched parameters," *Chaos, Solitons, and Fractals*, 166, Pages 112948, (2023).

6. Shiv Shankar Chouhan, Subir Das, **Sunny Singh**, Hao Shen. "Multiple μ-stability analysis of time-varying delayed quaternion-valued neural networks," *Mathematical Methods in the Applied Sciences*, 46, 9853–9875, (2023).

7. **Sunny Singh**, Subir Das. "Global dissipativity analysis for a class of quaternion neural networks with inertial term and mixed time delays: Non-separation approach," *Communicated.*

8. **Sunny Singh**, Subir Das, Umesh Kumar, Ankit Kumar, Yang Cao "Exponential and adaptive lag synchronization of inertial Cohen-Grossberg neural networks with unbounded distributed delays," *Revision Submitted.*

9. Umesh Kumar, **Sunny Singh**, Subir Das. " Stability analysis of octonian valued neural networks with time-varying delays using matrix measure method," *Communicated.*