

Cost-effective fault tolerance for CNNs using parameter vulnerability based hardening and pruning

Ahmadilivani, Mohammad Hasan; Mousavi, Seyedhamidreza; **Raik, Jaan**; **Daneshtalab, Masoud**; **Jenihhin, Maksim** 2024

IEEE 30th International Symposium on On-line Testing and Robust System Design (IOLTS) : IOLTS 2024 : July 03rd-05th 2024, Rennes, Brittany, France 2024 / 7 p <https://doi.org/10.1109/IOLTS60994.2024.10616072> [Article at Scopus](#) [Article at WOS](#)

ProAct: Progressive Training for Hybrid Clipped Activation Function to Enhance Resilience of DNNs

Mousavi, Seyedhamidreza; **Ahmadilivani, Mohammad Hasan**; **Raik, Jaan**; **Jenihhin, Maksim**; **Daneshtalab, Masoud** arXiv.org

2024 / 12 p. : ill <https://doi.org/10.48550/arXiv.2406.06313>