

### **Analysing robustness of tiny deep neural networks**

Mousavi, Hamid; Zoljodi, Ali; **Daneshtalab, Masoud** New Trends in Database and Information Systems : ADBIS 2023 Short Papers, Doctoral Consortium and Workshops : DOING, K-GALS, MADEISD, PeRS, Barcelona, Spain, September 4–7, 2023 : proceedings 2023 / p. 150-159 [https://doi.org/10.1007/978-3-031-42941-5\\_14](https://doi.org/10.1007/978-3-031-42941-5_14) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **DASS: Differentiable architecture search for sparse neural networks**

Mousavi, Hamid; Loni, Mohammad; Alibeigi, Mina; **Daneshtalab, Masoud** ACM transactions on embedded computing systems 2023 / art. 105, 21 p. : ill <https://doi.org/10.1145/3609385> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Efficient on-device transfer learning using activation memory reduction**

Yoosefi, Amin; Mousavi, Hamid; **Daneshtalab, Masoud**; Kargahi, Mehdi 2023 Eighth International Conference on Fog and Mobile Edge Computing (FMEC) 2023 / p. 210-215 <https://doi.org/10.1109/FMEC59375.2023.10306182>

### **FARMUR: fair adversarial retraining to mitigate unfairness in robustness**

Mousavi, Seyed Ali; Mousavi, Hamid; **Daneshtalab, Masoud** Advances in Databases and Information Systems: 27th European Conference, ADBIS 2023, Barcelona, Spain, September 4–7, 2023 : proceedings 2023 / p. 133-145 [https://doi.org/10.1007/978-3-031-42914-9\\_10](https://doi.org/10.1007/978-3-031-42914-9_10) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **TAS : Ternarized Neural Architecture Search for Resource-Constrained Edge Devices**

Loni, Mohammad; Mousavi, Hamid; Riazati, Mohammad; **Daneshtalab, Masoud**; Sjödin, Mikael Proceedings of the 2022 Design, Automation & Test in Europe Conference & Exhibition (DATE 2022) 2022 / p. 1115-1118 <https://doi.org/10.23919/DATE54114.2022.9774615>