

### **Holistic JTAG-based external and internal fault monitoring in UAVs**

**Ahmed, Foisal; Jenihhin, Maksim** arXiv.org 2023 / 6 p. : ill <https://doi.org/10.48550/arXiv.2303.01816>

### **On BTI aging rejuvenation in memory address decoders**

**Gürsoy, Cemil Cem; Kraak, Daniel; Ahmed, Foisal; Taouil, Mottaqiallah; Jenihhin, Maksim; Hamdioui, Said** 2022 IEEE 23rd Latin American Test Symposium, LATS 2022 2022 / Code 184360 <https://doi.org/10.1109/LATS57337.2022.9936940>

### **Reliability-critical computation offloading in UAV swarms**

**Rahbari, Dadmehr; Ahmed, Foisal; Jenihhin, Maksim; Alam, Muhammad Mahtab; Le Moullec, Yannick** IEEE Systems Journal 2024 / p. 1871-1882 <https://doi.org/10.1109/JSYST.2024.3432449>

### **A survey on UAV computing platforms : a hardware reliability perspective**

**Ahmed, Foisal; Jenihhin, Maksim** Sensors 2022 / art. 6286 <https://doi.org/10.3390/s22166286> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Systematic unsupervised recycled field-programmable gate array detection**

**Isaka, Yuya; Shintani, Michihiro; Ahmed, Foisal; Inoue, Michiko** IEEE transactions on device and materials reliability 2022 / 10 p. : ill <https://doi.org/10.1109/TDMR.2022.3164788> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Unsupervised recycled FPGA detection using symmetry analysis**

**Tarique, Tanvir Ahmad; Ahmed, Foisal; Jenihhin, Maksim; Ali, Liakot** 12th International Conference on Electrical and Computer Engineering : ICECE 2022 2022 / p. 437-440 <https://doi.org/10.1109/ICECE57408.2022.10088856>