

**Condition monitoring of a Cartesian robot with a mechanically damaged gear to create a fuzzy logic control and diagnosis algorithm**

**Autsou, Siarhei; Kudelina, Karolina; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants** Applied sciences 2024 / art. 4241  
<https://doi.org/10.3390/app14104241>

**Physics based compressive sensing to enable digital twins of additive manufacturing processes**

Lu, Yanglong; **Ševtšenko, Eduard**; Wang, Yan Journal of computing and information science in engineering 2021 / 031009, 30 p  
<https://doi.org/10.1115/1.4050377> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)