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Education Information

Postgraduate, Van Yüzüncü Yil University, Fen Fakültesi, Matematik Bölümü, Turkey 2015 - Continues

Undergraduate Minor, Fatih University, Faculty Of Engineering, Endüstri Mühendisliği, Turkey 2011 - 2014

Undergraduate, Fatih University, Fen Edebiyat Fakültesi, Matematik Bölümü, Turkey 2010 - 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Rational framing motions and spatial rational Pythagorean hodograph curves**
Kalkan B., Scharler D. F., Schröcker H., Šír Z.
Computer Aided Geometric Design, vol.99, 2022 (SCI-Expanded)
- II. **The Study Variety of Conformal Kinematics**
Kalkan B., Li Z., Schroecker H., Siegele J.
ADVANCES IN APPLIED CLIFFORD ALGEBRAS, vol.32, no.4, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Inverse kinematics computation for a 6-DOF articulated robot arm using conformal geometric algebra**
Kalkan B., Baydaş Ş., Karakaş B.
2nd International Conference on Pure and Applied Mathematics (ICPAM-VAN 2018), Van, Turkey, 11 - 13 September 2018, pp.89
- II. **Geometry and kinematics of 2RRS-UPS Stewart manipulator with moving base platform**
Kalkan B., Baydaş Ş., Karakaş B.
Caucasian Mathematics Conference, CMC II, Van, Turkey, 22 - 24 August 2017, pp.83

Metrics

Publication: 4