

Polytechnic & Design

Vol. 12, No. 1, 2024.

DOI: 10.19279



**TEHNIČKO VELEUČILIŠTE U
ZAGREBU** ZAGREB UNIVERSITY
OF APPLIED SCIENCES

Izdavač / Publisher

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Kontakt · Contact

Adresa · Address

Tehničko veleučilište u Zagrebu

Polytechnic and Design

Vrbik 8

10000 Zagreb

Croatia

E-mail

pd@tvz.hr

pd-recenzenti@tvz.hr

Internet adresa · web

<http://polytechnicanddesign.tvz.hr>

<http://pd.tvz.hr>

DOI: 10.19279

Članci se nalaze u bazama:

<http://hrcak.srce.hr>

<https://scholar.google.hr>

Mrežna inačica: ISSN 2459-6302

Tiskana inačica: ISSN 1849-1995

Datum izdavanja: 15.03.2024.


ISSN 1849 – 1995





9771849199002


Polytechnic and Design


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Uvodne riječi · *Introduction*

Riječ glavnog urednika časopisa Polytechnic and Design



U našem časopisu Polytechnic and Design, objavlju se recenzirani radovi profesora i njihovih studenata iz različitih područja. Sve radove recenzirali su profesori iz znanstveno-nastavnih ustanova.

Autori se bave različitim temama, a neki su profesori uključili studente kao suautore. Istaknuo bih naslove izrazito informatičkog područja *SUPUT: software solution for travel order management*, koji su izradili Maja Dabčević, Željko Kovačević i Aleksandar Stojanović. Drugi rad predstavljaju Joško Lozić, Katerina Fotova Čiković s naslovom *Digitalna transformacija: povezanost promjena u društvu i organizacijama*. U radu marka Mićanovića i Krešimira Meštovića naglašava se pretvaranje analognih u digitalne podatke u radu *Ugradnja autotransformatora u 400/220 kV u TS Konjsko*.

U novo područje uvode nas Zdenko Balaž, Ivan Jelovaci Samir Čičkušić u zanimljivom istraživanju pod naslovom *Solution modeling of a collision for airport approach lights and access road at Tivat Airport*.

Moderno područje projektiranja i uspješne primjene donose nam Filip Mateša, Anamarija Kovačević i Hrvoje Rakić u temi robotike, unutar teme *Hardverski razvoj edukacijske robotske ruke*. O nadziranom učenju donose nam svoju raspravu Dino Vlahek i Bojan Nožica. U široko područje digitalne forenzike na području tinti, u kemijskim olovkama imamo predstavljanje Veronike Marinović, Stjepana Brzice i Andreje Ledić. Autori Krunoslav Pavković, Dean Čizmar, Marija Babić Tončić, Magdalena Kučinić imaju rad o *Analizi parametarske rezonancije metodom konačnih elemenata*. Na kraju bih još pohvalio svoje kolege i kolegicu s Tehničkog veleučilišta, Aleksandru Bernašek Petrincec, Katju Milković, Igora Ščekić i prikaz studentskih radova na temu *Slikovnica*.

Glavni urednik časopisa Polytechnic and Design

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Word of Chief editor of journal Polytechnic and Design

Today, in our “Polytechnic and Design” journal, we publish reviewed papers from professors and their students from different fields. All the papers were reviewed by professors from scientific and educational institutions.

The authors deal with wide variety of topics, and some professors have included students as co-authors. I would like to highlight the papers from decidedly informatic field: “SUPUT: SOFTWARE SOLUTION FOR TRAVEL ORDER MANAGEMENT”, created by Maja Dabčević, Željko Kovačević and Aleksandar Stojanović. Another paper is presented by Joško Lozić and Katerina Fotova Čiković titled: “DIGITAL TRANSFORMATION: CHANGE INTERRELATION IN SOCIETY AND ORGANISATIONS”. They emphasize “transforming analogue data to digital data” through the 220 kV and 400 kV busbars in TS Konjsko.

Zdenko Balaž, Ivan Jelovac and Samir Čičkušić lead us into a new field through interesting research designated "SOLUTION MODELING OF A COLLISION FOR AIRPORT APPROACH LIGHTS AND ACCESS ROAD AT TIVAT AIRPORT."

The contemporary field of design and the successful application is brought by Filip Mateša, Anamarija Kovačević and Hrvoje Rakić in the field of robotics, specifically “... hardware view and development and the educational basics of an educational robotic arm.” On the supervised feature learning for classification, Dino Vlahek and Bojan Nožica bring us their discussion. In the expansive field of the digital forensic in the area of ink in ballpoint pens, we bring you the discussion by Veronika Marinović, Stjepan Brzica and Andrea Ledić. Authors Krunoslav Pavković, Dean Čizmar, Marija Babić Tončić and Magdalena Kučinić have prepared a paper on the ANALYSIS OF THE PARAMETRIC RESONANCE THROUGH THE FINITE ELEMENT METHOD. Lastly, I would like to commend my colleagues from the Zagreb University of Applied Sciences: Aleksandra Bernašek Petrincec, Katja Milković and Igor Ščekić for the presentation of students' project assignments on the subject of picture books.

Editor-in-chief of journal Polytechnic and Design

Prof. Emer. Vilko Žiljak, PhD

