

**PUBLICACIONES DERIVADAS DE LAS TESIS DEFENDIDAS EN EL PROGRAMA DE
DOCTORADO EN TECNOLOGÍAS DE LA INFORMACIÓN Y LAS COMUNICACIONES EN EL
AÑO 2022**

AEROELASTIC WING FLUTTER TESTING AND ANALYSIS

Autor/a Abou Kebeh Llano, Sami

Fecha de defensa 23-09-2022

Stochastic approach to flutter data processing and application to real F-18 A / B flight test data,
Sami Abou-Kebeh Llano, Roberto Gil Pita, Manuel Rosa Zurera, Proceedings of the Society of
Flight Test Engineers, European Chapter (SFTE-EC), 2015, Seville,

Multimodal Estimation of Sine Dwell Vibrational Responses from Aeroelastic Flutter Flight
Tests, Sami Abou-Kebeh Llano, Roberto Gil Pita, Manuel Rosa Zurera, Aerospace, 2021, 8, 11,
325, D.O.I.: 10.3390/AEROSPACE8110325

PREDICTING PEDESTRIAN CROSSING INTENTIONS USING CONTEXTUAL INFORMATION

Autor/a Lorenzo Diaz, Javier

Fecha de defensa 27-06-2022

2020 CNNs for Fine-Grained Car Model Classification, H. Corrales, D.F. Llorca, I. Parra, S. Vigre, A. Quintanar, J. Lorenzo, N. Hernandez, Computer Aided Systems Theory {EUROCAST 2019 (ISBN: 978-3-030-45096-0)}

2021 Vehicle Maneuver Prediction on Highways Using Efficient Environment Representation and Deep Learning, R. Izquierdo, A. Quintanar, J. Lorenzo, , I. Parra, D.F. Llorca, M.A. Sotelo, IEEE Access, doi: 10.1109/ACCESS.2021.3106692.

2021 CAPformer: Pedestrian Crossing Action Prediction Using Transformer, J. Lorenzo, I. Parra, R. Izquierdo, A.L. Ballardini, A. Hernandez, D.F. Llorca, M.A. Sotelo, Sensors, 21(17):5694.
<https://doi.org/10.3390/s21175694>.

2021 Urban Intersection Classification: A Comparative Analysis, A.L. Ballardini, A. Hernandez, S. Carrasco, J. Lorenzo, I. Parra, M.A. Sotelo, Sensors, 1(18):6269.<https://doi.org/10.3390/s21186269>.

2016 Drivertive Team in the Grand Cooperative Driving Challenge 2016, J. Alonso, I. Parra, R. Izquierdo, A. Garcia, M. A. Sotelo, C. Fernandez, R. Quintero, C. Salinas, J. Lorenzo, D. F. Llorca, 1st Symposium SEGVAUTO-TRIES-CM, Madrid.

2016 A Comparison of Road Curb Detection Using Curvature Values from LIDAR and Stereo Vision, C. Fernandez, J. Lorenzo, J. Alonso, A. Garcia, D. F. Llorca, M. A. Sotelo, 1st Symposium SEGVAUTO-TRIES-CM, Madrid.

ROAD TOPOLOGY CLASSIFICATION FOR AUTONOMOUS DRIVING

Autor/a Hernández Saz, Álvaro

Fecha de defensa 15-06-2022

2021 CAPformer: Pedestrian Crossing Action Prediction Using Transformer, Javier Lorenzo, Ignacio Parra Alonso, Ruben Izquierdo, Augusto Luis Ballardini, Alvaro Hernandez Saz, David Fernandez Llorca, Miguel Angel Sotelo, Sensors (ISSN:1424-8220), DOI: 10.3390/s21175694.

2021 Urban Intersection Classification: A Comparative Analysis, Augusto Luis Ballardini, Alvaro Hernandez Saz, Sandra Carrasco Limeros, Javier Lorenzo Diaz, Ignacio Parra Alonso, Noelia Hernandez Parra, Ivan Garcia Daza, Miguel Angel Sotelo, Sensors (ISSN: 1424-8220), DOI: 10.3390/s21186269.

2020 License Plate Corners Localization Using CNN-Based Regression, David Fernandez Llorca; Ignacio Parra Alonso; Hector Corrales Sanchez; Monica Rentero Alonso de Linaje; Ruben Izquierdo Gonzalo; Alvaro Hernandez Saz; Ivan Garcia Daza., Lecture Notes in Computer Science (ISSN: 0302-9743), DOI: 10.1007/978-3-030-45096-0_14.

2020 3D-DEEP: 3-Dimensional Deep-learning based on elevation patterns for road scene interpretation, Alvaro Hernandez Saz; S. Woo; Hector Corrales Sanchez; Ignacio Parra Alonso; E. Kim; David Fernandez Llorca; Miguel Angel Sotelo Vazquez., IEEE Intelligent Vehicles ymposium (IV-IEEE 2020), Las Vegas (EEUU).