

# Elmer R Llanos Villarreal

## List of Publications by Year in descending order

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29  
papers

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1937685

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times ranked

62  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Proposal of a Fuzzy Controller for Radial Position in a Bearingless Induction Motor. IEEE Access, 2019, 7, 114808-114816.   | 4.2 | 13        |
| 2  | Downhole Telemetry Systems to Monitor Electric Submersible Pumps Parameters in Oil Well. IEEE Access, 2021, 9, 12824-12839.   | 4.2 | 7         |
| 3  | Quadratic characterization and use of output stabilizable subspaces. IEEE Transactions on Automatic Control, 2003, 48, 654-660.   | 5.7 | 6         |
| 4  | Stability Analysis of A Neuro-Identification Scheme with Asymptotic Convergence. International Journal of Artificial Intelligence & Applications, 2012, 3, 35-50.             | 0.5 | 4         |
| 5  | A Novel Driving Scheme for Three-Phase Bearingless Induction Machine with Split Winding. Energies, 2021, 14, 4930.  | 3.1 | 4         |
| 6  | REGIONAL POLE PLACEMENT BY OUTPUT FEEDBACK FOR A CLASS OF DESCRIPTOR SYSTEMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 101-106. | 0.4 | 3         |
| 7  | System of Sensors and Actuators for the Production of Water Used in the Manufacture of Medicines. Sensors, 2019, 19, 4488.  | 3.8 | 3         |
| 8  | Electrical modelling of an electrical submersible pump system three-phase power cable used in power line communication. Przegląd Elektrotechniczny, 2019, 1, 24-28.           | 0.2 | 3         |
| 9  | OUTPUT FEEDBACK DESIGN BY COUPLED LYAPUNOV-LIKE EQUATIONS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 207-212.                    | 0.4 | 2         |
| 10 | A comparative study of altitude and yaw controllers for rotorcraft UAV. , 2015, , .   |     | 2         |
| 11 | One Cycle Control of a PWM Rectifier a New Approach. Energies, 2020, 13, 5523.  | 3.1 | 2         |
| 12 | Static Output Feedback Stabilization using Invariant Subspaces and Sylvester Equations. TeMa, 2009, 10, .   | 0.1 | 2         |
| 13 | Performance Analysis of an Electromagnetic Frequency Regulator under Parametric Variations for Wind System Applications. Energies, 2022, 15, 2873.                            | 3.1 | 2         |
| 14 | Radial Position Control of a Bearingless Machine with Active Disturbance Rejection Control. , 2020, , .   |     | 1         |
| 15 | Radial Position Control of a Bearingless Machine with Active Disturbance Rejection Control Fuzzy an approach. , 2021, , .   |     | 1         |
| 16 | Stabilization: Algorithms for Mechanical System Using Output Feedback and State Feedback. , 2012, , .   |     | 0         |
| 17 | A new approach for data transmission system on topological surfaces. Computational and Applied Mathematics, 2012, 31, 143-168.  | 2.2 | 0         |
| 18 | Proposal of a Fuzzy Control System for the Management of Traffic lights. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 456-461.      | 0.4 | 0         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Solution of Equations of State and Output Feedback for a Line Transmission Via Invariant Subspaces. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 288-293. | 0.4 | 0         |
| 20 | Benchmark of a PI Controller Implemented in Java and Native Code on the Android™ Platform Embedded on ARM. IEEE Latin America Transactions, 2015, 13, 2488-2494.                                    | 1.6 | 0         |
| 21 | Impulse elimination for singular second-order system: approach. , 2021, , .   |     | 0         |
| 22 | Approach to partial eigenvalue assignment using Sylvester equation in system-second order. , 2021, , .  |     | 0         |
| 23 | STABILIZATION BY OUTPUT FEEDBACK IN REGIONAL POLE PLACEMENT. , 0, , .   |     | 0         |
| 24 | Approach in nonlinear descriptor system using output feedback. , 0, , .   |     | 0         |
| 25 | Aplicação da equação diferencial de Sylvester. , 0, , .   |     | 0         |
| 26 | Optimization Based Output Feedback Control Design in Descriptor Systems. , 0, , .   |     | 0         |
| 27 | Development and Analysis of a Cryptographic Algorithm for Genetically Optimized Wireless Sensor. Przegląd Elektrotechniczny, 2018, 1, 81-86.  | 0.2 | 0         |
| 28 | Output Feedback Control in Descriptor System Admissible. , 0, , .   |     | 0         |
| 29 | Controle MPC com Atrasos e Perdas de Pacotes. , 0, , .  |     | 0         |