

### Informații personale

Nume / Prenume **Stoica, Adrian-Mihail**

Adresă(e)

Telefon(oane)

Mobil

Fax(uri)

E-mail(uri)

Naționalitate(-tăți) Romana

Data nașterii

Sex Masculin

### Locul de muncă vizat / Domeniul ocupațional

**(rubrică facultativă, vezi instrucțiunile)**

### Experiența profesională

Perioada Din noiembrie 1988 până în prezent

Funcția sau postul ocupat 1988-1994 asistent, 1994-1996 șef lucrări, 1996-2000- conferențiar, din 2000-profesor universitar la Facultatea de inginerie aerospațială din cadrul Universității „Politehnica” din București. Din 2008, conducător de doctorat, domeniul fundamental Științe ingineresti, domeniul Inginerie aerospațială

Activități și responsabilități principale Activități didactice: predare cursuri, activități de seminar, laborator și proiectare în automatizarea aparatelor de zbor, îndrumare proiecte de diplomă, licență și disertații, activități de cercetare științifică, conducere doctorat, director centru de cercetări din cadrul facultății, directorul departamentului Ingineria sistemelor aeronautice și management aeronautic „Nicolae Tîpei” de la Facultatea de inginerie aerospațială

Conducător de doctorat din 2008

Numele și adresa angajatorului Universitatea POLITEHNICA din București

Tipul activității sau sectorul de activitate Activitate didactică și de cercetare în domeniul sistemelor de comandă automată în aviație

Perioada Din octombrie 1979 până în noiembrie 1988

Funcția sau postul ocupat Inginer proiectant

Activități și responsabilități principale Proiectare echipamente de comandă automată pentru procese secvențiale utilizând automate programabile și calculatoare de proces

Numele și adresa angajatorului Institutul de proiectare și cercetare pentru automatizări, tehnica de calcul și telecomunicații-București

Tipul activității sau sectorul de activitate Proiectare instalații de automatizare

### Educație și formare

Perioada Din octombrie 1974 până în iulie 1979

Calificarea / diploma obținută Inginer

| Disciplinele principale studiate / competențe profesionale dobândite | Automatica si calculatoare                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----|----------------------------|----|--------------|----|--|------------|--|--|--|---------|--|--|--|-----------|--|--------|--|----------------------------|--|--------------|--|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|
| Numele și tipul instituției de învățământ / furnizorului de formare  | Institutul Politehnic din Bucuresti, Facultatea de automatica si calculatoare                                                                                                                                                                                                                                                                                                                                                                                                   |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| Nivelul în clasificarea națională sau internațională                 | (rubrică facultativă, vezi instrucțiunile)                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| Perioada                                                             | 1989-1993                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| Calificarea / diploma obținută                                       | Doctor Inginer                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| Disciplinele principale studiate / competențe profesionale dobândite | Automatizarea aparatelor de zbor                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| Numele și tipul instituției de învățământ / furnizorului de formare  | Universitatea „Politehnica” din București, Facultatea de Inginerie aerospațiala                                                                                                                                                                                                                                                                                                                                                                                                 |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| Nivelul în clasificarea națională sau internațională                 | (rubrică facultativă, vezi instrucțiunile)                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| Limba(i) străină(e) cunoscută(e)                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| Autoevaluare                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| Nivel european (*)                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| <b>Franceza</b>                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| <b>Engleza</b>                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
|                                                                      | <table><tr><th colspan="4">Înțelegere</th><th colspan="4">Vorbire</th></tr><tr><th colspan="2">Ascultare</th><th colspan="2">Citire</th><th colspan="2">Participare la conversație</th><th colspan="2">Discurs oral</th></tr><tr><td></td><td>C1</td><td></td><td>C1</td><td></td><td>C1</td><td></td><td>C1</td></tr><tr><td></td><td>C1</td><td></td><td>C1</td><td></td><td>C1</td><td></td><td>C1</td></tr></table>                                                         |        |    |                            |    |              |    |  | Înțelegere |  |  |  | Vorbire |  |  |  | Ascultare |  | Citire |  | Participare la conversație |  | Discurs oral |  |  | C1 |  | C1 |  | C1 |  | C1 |  | C1 |  | C1 |  | C1 |  | C1 |
| Înțelegere                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |    | Vorbire                    |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| Ascultare                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Citire |    | Participare la conversație |    | Discurs oral |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
|                                                                      | C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        | C1 |                            | C1 |              | C1 |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
|                                                                      | C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        | C1 |                            | C1 |              | C1 |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
|                                                                      | (*) Nivelul Cadrului European Comun de Referință Pentru Limbi Străine                                                                                                                                                                                                                                                                                                                                                                                                           |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| Competențe și abilități sociale                                      | Organizare manifestari stiintifice cu participare internațională, ex. Lecture Series SCI-166, NATO-RTO "Achieving Successful Robust Integrated Control System Designs for the 21 <sup>st</sup> Century Military Applications", Bucharest, 19-20 May 2005; Workshop "Integrated Control in Manufacturing Systems", 2000, Bucharest                                                                                                                                               |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| Competențe și aptitudini organizatorice                              | Directorul departamentului Ingineria sistemelor aeronautice si management aeronautic "Nicolae Tîpei" din cadrul Facultății de ingineria aerospațiala din UPB (2005-2020);<br>Director al Centrului de cercetări pentru aeronautică și spațiu din UPB (2001-2005)<br>Directorul Subprogramului "Produse și aplicații ale tehnologiilor spațiale și aeronautice" din cadrul PNCDI-I "AEROSPATIAL" (2003-2006);<br>Director 11 proiecte de cercetare, dintre care 2 internaționale |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| Competențe și aptitudini tehnice                                     | Proiectare, simulare, analiza sistemelor de comanda automata, legi de dirijare, comanda automată a zborului, sisteme dinamice stocastice, algoritmi si metode de calcul numeric, filtrarea semnalelor.                                                                                                                                                                                                                                                                          |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| Competențe și aptitudini de utilizare a calculatorului               | Descrieți aceste competențe și indicați contextul în care au fost dobândite: MATLAB/SIMULINK, C++, FORTRAN, PASCAL, Procesare texte: LATEX, MS Office.                                                                                                                                                                                                                                                                                                                          |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| Competențe și aptitudini artistice                                   | Descrieți aceste competențe și indicați contextul în care au fost dobândite. (Rubrică facultativă, vezi instrucțiunile)                                                                                                                                                                                                                                                                                                                                                         |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| Alte competențe și aptitudini                                        | Descrieți aceste competențe și indicați contextul în care au fost dobândite. (Rubrică facultativă, vezi instrucțiunile)                                                                                                                                                                                                                                                                                                                                                         |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |
| Permis(e) de conducere                                               | Da, categoria B                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |    |                            |    |              |    |  |            |  |  |  |         |  |  |  |           |  |        |  |                            |  |              |  |  |    |  |    |  |    |  |    |  |    |  |    |  |    |  |    |

**Informații suplimentare**

1. Membru al Technical Committee for Aerospace al Federației Internaționale de Automatică (IFAC);
2. Membru AIAA (American Institute for Aeronautics and Astronautics)
3. Membru AMS (American Mathematical Society)
4. Expert evaluator în cadrul Consiliului Național al Cercetării Științifice Universitare din Ministerul Educației Naționale
5. Expert pe termen scurt în proiectul „Dezvoltarea unui Sistem Operațional al Calificărilor din Învățământul Superior din România”, contract nr. POSDRU/2/1.2/S/2, codul proiectului – 1622, (expert pe termen scurt pentru specializările „Echipamente și instalații de aviație” – Licență, și „Avionică și navigație aerospațială” – Master), 2009 - 2011
6. Coordonare și participare la realizarea dosarelor de acreditare ARACIS pentru programele de licență „Echipamente și instalații de aviație” și master „Avionică și navigație aerospațială”.
7. Membru al Consiliului Facultății de inginerie aerospațială
8. Membru al Senatului UPB

**Anexe**

Lista lucrări

## LISTA DE LUCRARI

### Monographs

V. Drăgan, T. Morozan, A.-M. Stoica, "Mathematical Methods in Robust Control of Discrete-Time Linear Stochastic Systems", Springer, 2010, ISBN 978-1-4419-0629-8.

V. Drăgan, T. Morozan, A.-M. Stoica, "Mathematical Methods in Robust Control of Linear Stochastic Systems", Springer, Second edition 2013, ISBN 978-1-4614-8662-6.

V. Drăgan, T. Morozan, A.-M. Stoica, "Mathematical Methods in Robust Control of Linear Stochastic Systems", Springer, 2006, ISBN 0-387-30523-8, 2<sup>nd</sup> Edition, 2013, ISBN 978-1-4614-8662-6, 442 pages.

A.-M. Stoica. "Disturbance Attenuation and Its Applications", Romanian Academic Press 2004, ISBN 973-27-1057-8.

V. Ionescu, A. Stoica "Robust stabilisation and H-infinity problems", Kluwer Academic Publishers, 1999, ISBN 0-7923-5753-1.

### Papers in journals

Stoica A.-M., I. Yaesh, „Mixed Control Strategy for a Class of Sector Bounded Non Linear Systems“, Entropy, 27(3), 2025, **2.2 Impact factor**

Stoica A.-M., I. Yaesh „Stochastic Anti-Resonance for Systems with Multiplicative Noise and Sector Type Nonlinearities“, Entropy, 26(2), 2024, **2.0 Impact factor**

Stoica A.-M. „H<sup>∞</sup> Type Control for Multi-Agent Systems Subject to Stochastic State Dependent Noise“, SIAM Journal on Control and Optimization, April 2023, **2.5 Impact factor**

Stoica A.-M., Voicu S., H-infinity State-Feedback Control of Multi-Agent Systems with Data Packet Dropout in the Communication Channels: A Markovian Approach“, Entropy MDPI, Nov. 2022, **2.0 Impact factor**

Stoica A.-M. Yaesh, I., „Static Output Feedback Control of Linear Parameter varying Systems“, Annals of AORS: Series on Mathematics and its Applications, Jan. 2023

Stoica, A.-M., Yaesh, „Static Output Feedback Design in an Anisotropic Norm Setup“, Ann. Acad. Rom. Sci, Ser. Math. Appl. Vol. 12, No. 1-2, 2020, ISSN 2066-5997

Stoica, A.-M., Yaesh I., „Hopfield networks with multiplicative noise in an anisotropic norm setup“, Ann.Acad.Rom. Sci, Ser Math Appl, Vol. 11, No. 1, 2019.

Stoica, A.-M., Yaesh I., A Positive Real-Lemma Type Result with Respect to the Anisotropic Norm for Stochastic Systems with Multiplicative Noise, Symposium on Robust Control Design, 2018, vol. 51, issue 25, p. 281-286, WOS: 000451054400048

Stoica A.-M., Yaesh I., „State-feedback Q-stabilization and robust gamma-attenuation performance with respect to the anisotropic norm of discrete-time dynamic systems“, Bulletin mathématique de la société des sciences mathématiques de Roumanie, 2018, vol. 61, no. 4, p. 491-500, WOS 000454162900011, **0.484 Impact factor**

A.-M. Stoica, I. Yaesh, „A bounded real lemma type-result with respect to the anisotropic norm setup for stochastic systems with multiplicative noise“, *Automatica IFAC*, Volume84 Issue C, October 2017, Pages 174-180, **5,451 Impact Factor**

A.-M. Stoica, V. Drăgan, „A Time-Periodic Control Law for Satellite Magnetic Stabilization, *International Journal of Modeling and Optimization*, Vol. 7, No. 3, June 2017.

A.-M. Stoica, P.-V. Parvu, M. Bivolaru, "An H-infinity Design Approach for the Heading Hold Autopilot of a Flying Wing UAV", *Applied Mechanics and Materials* (Volume 841), p.315-322, 2016.

C. Ene, A.-M. Stoica, "A Static Output Feedback Approach for Inverting a Dynamic System", *Applied Mechanics and Materials* (Volume 841), p. 338-343, 2016.

Vasile Dragan, Toader Moroza, Adrian-Mihail Stoica, "Output-based H2 optimal controllers for a class of discrete-time stochastic linear systems with periodic coefficients", *International Journal of Robust and Nonlinear Control* 04/2014; DOI:10.1002/mc.3173 . **1.90 Impact Factor**

A.-M. Stoica, I. Yaesh „Boundedness Conditions for the Anisotropic Norm of Stochastic Systems with Multiplicative Noise", *Annals of Academy of Romanian Scientists series on Mathematics and its Applications* 01/2015; 6(2):235-246.

A.-M. Stoica "A New Kalman-Type Approach for Satellites Attitude Determination", *Applied Mechanics and Materials* Vol. 555 (2014) pp 57-65.

A.-M. Stoica, I. Yaesh, "A small gain type result with respect to the induced L-infinity norm", *Mathematics in Science, Engineering and Aerospace*, Vol. 4, No. 3, pp. 207-213, 2013.

A.-M. Stoica, I. Yaesh, "L-infinity Analysis and State-Feedback Control of Hopfield Networks", *IEEE Transactions on Neural Networks and Learning Systems*, 24(9), p. 1-7, 2013. **4.37 Impact Factor**

V.G. Adir, A. M. Stoica, J. F. Whidborne, "Sliding Mode Control of a 4Y Octorotor" *UPB Scientific Bulletin, Series D: Mechanical Engineering* 01/2012; 74(4):37-52.

A.-M. Stoica, M. Stoia-Djeska, G. Stroe. „Stability Analysis of an Aeroelastic System with Actuator Saturation, *Advanced Materials Research*, Volumes 463-464, 2012, 1527-1532, doi: 10.4028/www.scientific.net/AMR.463-464.1527

A.-M. Stoica. „Kalman Filtering for Model-Based Networked Control Systems", *Control Engineering and Applied Informatics*, 14(4), 2012, p. 10-16. **0.37 Impact Factor**

V. Dragan, A.-M. Stoica. "Optimal  $H_2$  filtering for a class of linear stochastic systems with sampling", *Automatica*, 48 (2012) p. 2494–2501. **3.13 Impact Factor**

A.-M. Stoica, I. Yaesh. „On the Anisotropic Norm of Discrete Time Stochastic Systems with State Dependent Noise", *Ann. Romanian Academy, Mathematics and its Applications*, 4(2), 2012, p. 209-220.

A.-M. Stoica (2012) "Mixed  $H_2 / H_\infty$  Performance Analysis and State-Feedback Control Design for Networked Systems with Fading Communication Channels", *Mathematical Problems in Engineering*, vol. 2012, Article ID 291714, 16 pages, 2012. doi:10.1155/2012/291714. **1.08 Impact Factor**

V. Drăgan, T. Moroza și A.-M. Stoica (2010). "Iterative algorithm to compute the maximal and stabilising solutions of a general class of discrete-time Riccati type equations", *International Journal of Control*, Vol. 83, No. 4, p. 837 -847. **1.14 Impact Factor**

A.-M. Stoica, M. Barbelian, V. Pana, C. Dragasanu (2010) "Reduced-Order Filter Design for Discrete-Time Systems Corrupted with Multiplicative Noise", *AIAA Journal of Guidance, Control, and Dynamics*, Vol. 33, No. 4, p. 1287-1293. **1.15 Impact Factor**

Stoica, A.-M., V. Dragan, I. Yaesh, "Kalman-type filtering for stochastic systems with state dependent noise and Markovian jumping", *IFAC-SYSID*, 6-8 July 2009, Saint-Malo, France.

A.-M. Stoica, I. Yaesh, "Adaptive control for a class of stochastic passive Hopfield networks", *Mathematical Reports*, 2009, vol. 11, no. 4, ISSN 1582-3067. **0.09 Impact Factor**

A.-M. Stoica, "An H-infinity filtering problem for systems with state dependent noise", *Control Engineering and Applied Informatics*, 2009, vol. 11, no. 2, 35-42. **0.37 Impact Factor**

A.-M. Stoica, I. Yaesh, "Markovian Jump Delayed Hopfield Networks with Multiplicative Noise", *Automatica-IFAC* Volume: 44 Issue: 8, 2008, p. 2157-2162, ISSN: 0005-1098. **3.13 Impact Factor**

- Stoica A.-M., I. Yaesh, "Stochastic Hopfield Networks with Multiplicative Noise and Jump Markov Parameters", *Mathematical Reports*, Vol. 1 (59), No. 1, 2007, p.111-122, ISSN 1582-3067; **0.09 Impact Factor**
- A.-M. Stoica, "State Feedback Q-Stabilization with Robust H-infinity Performance for Systems with LFT Based Parametric Uncertainty", *Control Engineering and Applied Informatics*, no. 2, vol. 7, 2005, p.3-9, ISSN 1454-865, **0.37 Impact Factor**
- A.-M. Stoica, I. Yaesh, "Hopfield Networks with Jump Parameters", *WSEAS Transactions on Systems*, no. 4, vol. 4, 2005, pg. 301-307, ISSN 1109-2777.
- V. Dragan, Morozaan, T., A.-M. Stoica "Stochastic Version of Bounded Real Lemma and Applications", *Mathematical Reports*, vol. 6, no. 4, 2004, 389-430, ISSN 1582-3067. **0.09 Impact Factor**
- V. Dragan, T. Morozaan, A.-M. Stoica "The Disturbance Attenuation Problem for a General Class of Linear Stochastic Systems", in *Advances in Automatic Control*, Eds. Mihail Voicu, Kluwer Academic Publishers, 2004, p. 39-54, ISBN 1-4020-7607-X.
- A.-M. Stoica, "On the Connection Between Riccati Inequalities and Equations in  $H_\infty$  control problems", in *Advances in Automatic Control*, Eds. Mihail Voicu, Kluwer Academic Publishers, 2004, p. 351-366, ISBN 1-4020-7607-X.
- V. Dragan, T. Morozaan, A. Stoica "H2 Optimal control for linear stochastic systems", *Automatica-IFAC*, Vol. 40, No. 7, 2004, p. 1103-1113. **3.13 Impact Factor**
- A. Stoica "H-infinity type filtering for stochastic systems with state-dependent noise", *Revue Roumaine des Sciences Techniques, Serie Electrotechnique et energetique*, Tome 48, 2003, p. 539-548. **0.37 Impact Factor**
- A.-M. Stoica. "Stabilizing solution of Riccati type systems with finite jumps and applications to robustness analysis of sampled-data systems", *Control Engineering and Applied Informatics*, Vol. 5, No. 3, 4, 2003, p. 5-13, ISSN 1454-8658. **0.37 Impact Factor**
- A.-M. Stoica. "A unified algebraic approach to linear control design-A book review". *International Journal of Adaptive Control and Signal Processing*, Vol. 17, 2003, p. 259-263. **1.66 Impact Factor**
- V. Dragan, T. Morozaan, A. Stoica "Stability radii for a class of differential stochastic systems", *Mathematical Reports, Romanian Academy*, Vol. 5 (55), No. 4, 2003, p. 301-315. **0.09 Impact Factor**
- A.-M. Stoica, I. Yaesh, "Robust H-infinity Control of Wings Deployment Loops for an Uninhabited Air Vehicle - The Jump Markov Model Approach", *AIAA Journal, Amer. Inst. Aeronaut. Astronaut., Journal of Guidance, Dynamics and Control*, ISSN: 0001-1452, vol.35, no. 2, 2002, pg. 407-411. **1.15 Impact Factor**
- A. Stoica, S. Berbente, A. Condurache, "Optimal flight control system for the lateral motion of a fighter aircraft", *Revue Roumaine des sciences techniques, Mecanique Appliquee*, Tome 45, no. 3, May-June 2000, p. 277-294.
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