number	Title	Main Authors	Title of the periodical or the series or the event	Number, date or frequency (N/A for events)	Publisher or organiser	Place of publication or event venue	Year of publication or event	Relevant pages or event session	Permanent identifiers4 (if available)
1	Turbogas : advanced turbofan engine emissions modelling	Env-isa	14 th ATRS Conference - Air Transport Research Society	6 – 9/07/2010		Porto (Portugal)	2010		
2	Multi-level power quality assessment towards virtual testing of more electric aircraft	Yang Ji, Johann Bals, A. Pfeiffer	Proceedings of the 9th International Power and Energy Conference IPEC	IEEE Power & Energy, IET	IEEE Xplore	Singapore	2010	pp. 28-33	DOI: 10.1109/IPECON.2010.5697125
3	Physical Modeling of Switched Reluctance Motors using Modelica	Johann Bals, Yang Ji	Proceedings of The International MultiConference of Engineers and Computer Scientists 2011	IMECS 2011	Newswood and International Association of Engineers	Hong Kong	2011	pp. 896-901	ISBN : 978-988-19251-2-1
4	Inclusion of reliability and safety analysis methods in Modelica	Christian Schallert	Proceedings of the 8th International Modelica Conference	8th International Modelica Conference	Modelica	Dresden (Germany)	2011	pp. 1-12	https://modelica.org/events/modelica2011/Proceedings/pages/papers/46_1_ID_164_a_fv.pdf
5	A scade suite to Modelica interface	Schlabe Daniel, Bünte Tilman, Knostmann Tobias	Proceedings of the 8th International Modelica Conference	8th International Modelica Conference	Modelica	Dresden (Germany)	2011	pp. 1 -6	https://modelica.org/events/modelica2011/Proceedings/pages/papers/20_3_ID_168_a_fv.pdf
6	On-Board Trajectory Optimization of RNAV Departure and Arrival Procedures Concerning Emissions and Population Annoyance	Fernandes de Oliveira R., Büskens C.	SAE Conference - AeroTech Congress & Exhibition	SAE Technical Paper 2011-01-2595	SAE International	Toulouse (France)	Oct-11	pp. 1-17	doi:10.4271/2011-01-2595
7	SIMET, a solution for optimal trajectory management under weather and environmental constraints	Kate Dondenaz, Jean-Marc Gaubert, Florent Birling, Patrick Josse	Proceedings of the Simulation in Aerospace - IEEE AESS conference	IEEE Aerospace and Electronic Systems Magazine - Volume: 29, Issue: 3	IEEE Xplore	Toulouse (France)	2014	pp. 26-31	DOI: 10.1109/MAES.2014.6805363
8	Aircraft Noise and Emission Reduction through Time and Energy Management	P. M. A. de Jong, N. de Gelder, R. P. M. Verhoeven, F. J. L. Bussink, R. Kohrs, M. M. van Paassen, M. Mulder	Journal of Aircraft	Vol. 52, No. 1	ARC		2015	pp. 190-203	http://dx.doi.org/10.2514/1.C032668

9	Application of Genetic Algorithm for preliminary trajectory Optimization	Hugo Pervier, Devaiah Nalianda, Ramon Espi, Vishal Sethi, Pericles Pilidis, David Zammit-Mangion, Jean-Michel Rogero, Ricardo Entz	International Journal of Aerospace	Volume 4	SAE		2011	973-987	doi:10.4271/2011-01-2594
10	Assessment of Dynamic Phasors Modelling Technique for Accelerated Electric Power System Simulations	Tao Yang, Serhiy Bozhko, Greg Asher	EPE Conference	EPE proceedings	EPE		Aug-11		http://www.epe-association.org/epe/index.php?main=/epe/documents.php%3Fcurrent=2235
11	Modeling of Flux Reversal Machines for direct drive applications	Gianmario Pellegrino, Christopher Gerada	EPE Conference	EPE proceedings	EPE		Aug-11		http://www.epe-association.org/epe/index.php?main=/epe/documents.php%3Fcurrent=2235
12	Active Control of Series Connected, Voltage Driven Power Devices using a Single Gate Drive	Paul Evans, Nithiphat Teerakawanich, C. Mark Johnson	EPE Conference	EPE proceedings	EPE		Aug-11		http://www.epe-association.org/epe/index.php?main=/epe/documents.php%3Fcurrent=2235
13	Analysis for the design and test of an ice protection system for a scoop intake	Moser R., Gent R.	International Journal of Aerospace	SAE - paper 2011-38-0055	SAE		2013		doi:10.4271/2011-38-0055
14	The Building Blocks for a Hybrid ElectroThermal-ElectroMechanical Simulation Tools	Hatch C., Moser R., Gent R., Hicks P.	International Journal of Aerospace	SAE - paper 2011-38-0035	SAE		2013		DOI:10.4271/2011-38-0035
15	Optimal 4D Strategic Trajectory Planning in ATM	Manuel Soler, Alberto Olivares, Ernesto Staffetti, Jesus Cegarra	1st international conference in automation in command and control systems by HALA!	ATACCS2011	SESAR RESEARCH NETWORK		May-11	73-77	https://www.irit.fr/~Marco.Winckler/ATACCS2011-proceedings.pdf
16	TECHNOLOGY DEMONSTRATIONS FOR AIRCRAFT Energy Systems	Walper Guenter, Sebastien Vial, Marie-Laure Toulouse	Conference	AST 2011 Hamburg March 2011	Shaker; 1 edition		Mar-11	pages 2-13	ISBN:978-3832299040
17	Modelling and Control Design of Switched Reluctance Machines using Modelica	Yang Ji, Johann Bals	19th IASTED International Conference on Applied Simulation and Modelling	ASM 2011	Acta Press		2011		DOI:10.2316/P.2011.715-090
18	On-Board Trajectory Optimization of RNAV Departure and Arrival Procedures Concerning Emissions and Population Annoyance	Fernandes de Oliveira R., Büskens C.	SAE 2011 AeroTech Congress & Exhibition	SAE Paper 2011-01-2595	SAE		Oct-11		doi:10.4271/2011-01-2595
19	Emission-optimal flight trajectories with weather hazard avoidance and 4D wind modeling	EADS-IW	3rd CEAS air & space conference, 21st AIDAA congress, Venice, Italy, 24–28 October 2011	Proceedings of the 3rd CEAS air & space conference		Venice (Italy)	24–28/10/2011		

20	Conducted emission modelling of autotransformer rectifier units used in aircraft	Qian Zhou, Angela Nothofer, Christos Christopoulos	10th International Symposium on Electromagnetic Compatibility	EMC	IEEE Xplore	York (England)	26-30/09/2011		ISBN: 978-1-4577-1709-3
21	A Thermal Improvement Technique for the Phase Windings of Electrical Machines	Michael Galea, Chris Gerada, Tsarafidy Raminosoa, Patrick Wheeler	IEEE Journals & Magazines	Volume: 48, Issue: 1	IEEE Xplore		Nov-11		DOI: 10.1109/TIA.2011.2175470
22	Optimal Control Design for Switched Reluctance Machines with Right-sized Modelling	Yang Ji, Johann Bals	9th IEEE International Conference on Power Electronics and Drive Systems	, 05-08 December, 2011	IEEE Xplore		Dec-11	399 - 404	DOI: 10.1109/PEDS.2011.6147279
23	Adavanced generator design using Pareto-optimization	Martin R. Kuhn	9th IEEE International Conference on Power Electronics and Drive Systems	9th IEEE International Conference on Power Electronics and Drive Systems, 05-08 December, 2011	IEEE Xplore		Dec-11	1061 - 1067	DOI: 10.1109/PEDS.2011.6147391
24	Time and Energy Management during Descent and Approach for Aircraft	de Jong Paul M. A., Bussink Frank J. L., de Gelder Nico, Verhoeven Ronald P. M., Mulder Max	5th International Conference on Research in Air Transportation - ICRAT 2012	ICRAT 2012	Proceedings of ICRAT 2012	Berkeley (California)	May-12	pages 1 - 6	http://www.icrat.org/icrat/5th-international-conference/
25	Fault-Tolerant Electrical Machine Design Within a Rotorcraft Actuation Drive System Optimisation	M. Rottach, C. Gerada, T. Hamiti, P. W. Wheeler	6th IET International Conference on Power Electronics, Machines and Drives (PEMD 2012)	PEMD 2012 vol.27, no.3	IEEE Xplore		March 2012	pp.1598-1607	DOI: 10.1049/cp.2012.0247
26	Cleopatra: A novel approach to airborne radar simulation	G. Amisano, C Capsoni, M. D'Amico, M. Bandinelli, F. Milani, J. de Vries, J. Barkmeijer, E. Itcia, JP. Wasselin	IET International Conference on Radar Systems	RADAR 2012 conference - 22 to 25 October 2012	IEEE Xplore	Glasgow (UK)	Oct-12		DOI: 10.1049/cp.2012.1647
27	Multi-objective Optimisation Studies of a Civil Aircraft Flight Trajectory	Weiqun Gu, Rukshan Navaratne, Daniele Quaglia, Yang Yu, Irfan Madani, Vishal Sethi, Huamin Jia, Kenneth Chircop, Roberto Sabatini, David Zammit-Mangion	ASME Turbo Expo 2012	Proc. ASME. 44670 Volume 1, N. GT2012-69862	ASME Digital Collection	Copenaghen (Denmark)	Jun-12	pp 415-424	DOI: 10.1115/GT2012-69862

28	Optimization and Comparison of Electrical Machines using Particle Swarm Optimization	M. Geest, H. Polinder, J. Ferreira, D. Zeilstra	XXth International Conference on Electrical Machines (ICEM 2012)	Proceedings of International Conference on Electrical Machines	Proc. ASME. 44670; Volume 1:	Marseille (France)	Sep-12		ISBN: 978-1-4673-0143-5
29	Modeling of Active Front –End Rectifier Using Dynamic Phasors Concept	Tao Yang, Serhiy Bozhko, Greg Asher	2012 IEEE International Symposium on Industrial Electronics	Proceedings of IEEE International Symposium on Industrial Electronics	IEEE Xplore		May-12		DOI: 10.1109/ISIE.2012.6237117
30	Design Considerations for Hybrid-Excited Flux-Switching Machines	TU-DELFT	Conference	'Young Researchers Symposium 2012' Delft, Netherlands on 16-17 April, 2012					
31	A weather dependent noise contour prediction concept: combining a standard method with ray tracing	Sander J. Heblij, Michael Arntzen, Dick G. Simons	EURONOISE 2012 Conference	NLR-TP-2012-251	NLR	Prague (Czech Republic)	Jun-12		http://reports.nlr.nl:8080/xmlui/bitstream/handle/10921/912/TP-2012-251.pdf?sequence=1
32	CONTROL AND MONITORING CONCEPT FOR A FAULT-TOLERANT ELECTROMECHANICAL ACTUATION SYSTEM	SEEMANN Sebastian, CHRISTMANN Markus, JÄNKER Peter	Recent Advances in Aerospace Actuation Systems and Components	Proceedings of R3ASC'12 International Conference, Toulouse		Toulouse (France)	Jun-12	pp 1-5	ISBN 978-2-87649-062-8
33	Optimisation of an Aerospace Electromechanical Actuator with Focus on Non-Linear Modelling of the Electrical Machine	M. Rottach, C. Gerada, P. W. Wheeler, T. Hamiti	International Conference on Recent Advances in Aerospace Actuation Systems and Components	Proceedings of R3ASC'12 International Conference, Toulouse		Toulouse (France)	Jun-12		ISBN 978-2-87649-062-8
34	Dynamic Phasor Modeling of Autotransformer Rectifier Units for More Electric Aircraft	Tao Yang, Serhiy Bozhko, Greg Asher	Power Electronics and Motion Control Conference (IPEMC), 2012 7th Internationa	Proceedings of The 7th International Power Electronics and Motion Control Conference	IEEE Xplore	Harbin (China)	Jun-12		DOI: 10.1109/IPEMC.2012.6259066
35	Benefits of Optimal Flight Planning on Noise and Emissions Abatement at the Frankfurt Airport	R. Fernandes de Oliveira, C. Büskens.	AIAA Guidance, Navigation, and Control Conference	AIAA GNC conference, AIAA 2012-4482	ARC	Minneapolis (Minnesota)	Aug-12		DOI: 10.2514/6.2012-4482

36	GATAC – A Generic Framework for Multi-Parameter Optimization of Flight Trajectories	Matthew Xuereb, Kenneth Chircop, David Zammit-Mangion	AIAA Modeling and Simulation Technologies Conference, Guidance, Navigation, and Control and Co-located Conferences	AIAA GNC/MST conference, AIAA 2012-4798	ARC	Minneapolis (Minnesota)	Aug-12		http://dx.doi.org/10.2514/6.2012-4798
37	Optimization of Fuel Consumption in Climb Trajectories using Genetic Algorithm Techniques	M. Sammut, D. Zammit-Mangion, R. Sabatini	AIAA Modeling and Simulation Technologies Conference, Guidance, Navigation, and Control and Co-located Conferences	AIAA GNC/MST conference, AIAA 2012-4829	ARC	Minneapolis (Minnesota)	Aug-12		http://dx.doi.org/10.2514/6.2012-4829
38	Design and Validation of a Detailed Aircraft Performance Model for Trajectory Optimization	William Camilleri, Kenneth Chircop, David Zammit-Mangion, Roberto Sabatini, Vishal Sethi	AIAA Modeling and Simulation Technologies Conference, Guidance, Navigation, and Control and Co-located Conferences	AIAA GNC/MST conference, AIAA 2012-4566	ARC	Minneapolis (Minnesota)	Aug-12		http://dx.doi.org/10.2514/6.2012-4566
39	Towards a Model-Based Energy System Design Process	Daniel Schlabe, Michael Sielemann, Christian Schallert, Dirk Zimmer, Martin Kuhn, Yang Ji, Johann Bals	SAE 2012 Power Systems Conference	"SAE power system conference" (Phoenix, Arizona, USA) - 30. October 2012	SAE Internaional	Phoenix (Arizona)	Oct-12		DOI : 10.4271/2012-01-2219
40	PI Controller Relay Auto-Tuning Using Delay and Phase Margin in PMSM Drives	Lina Wanga, Kun Xiaob, Liliana de Lilloc, Lee Empringhamc, Pat Wheelerc	Chinese Journal of Aeronautics	Volume 27, Issue 6	Elsevier Chinese Journal of Aeronautics		Dec-14	Pages 1527–1537	http://dx.doi.org/10.1016/j.cja.2014.10.019
41	Design Considerations for an Outer Rotor, Field Wound, Flux Switching Machine	M. Galea, C. Gerada, T. Hamiti	2012 XXth International Conference on Electrical Machines	ICEM 2012	IEEE Xplore	Marseille (France)	Sep-12	pages 171 - 176	DOI: 10.1109/ICElMach.2012.6349859
42	Fault Tolerant Winding Design – A Compromise Between Losses and Fault Tolerant Capability	Puvan Arumugam, Tahar Hamiti, Chris Gerada	2012 XXth International Conference on Electrical Machines	ICEM 2012	IEEE Xplore	Marseille (France)	Sep-12	Pages 2559 - 2565	DOI: 10.1109/ICElMach.2012.6350245
43	A Computationally Efficient Design Procedure for Actuator Motors using Magnetic Reluctance and Thermal Resistance Network Models	M. Rottach, C. Gerada, T. Hamiti, P. W. Wheeler	2012 XXth International Conference on Electrical Machines	ICEM 2012	IEEE Xplore	Marseille (France)	Sep-12	pges 2526 - 2532	DOI: 10.1109/ICElMach.2012.6350240
44	TRAJECTORY OPTIMISATION FOR ENERGY EFFICIENCY OF AN AIRCRAFT WITH ELECTRICAL AND HYDRAULIC ACTUATION SYSTEMS	M. A. Cooper, C. P. Lawson, D. Quaglia, D. Zammit-Mangion, R. Sabatini	28th Congress of the International Council of the Aeronautical Sciences	Paper ICAS 2012-6.7.3	ICAS	Brisbane (Australie)	Sep-12	pages 1-13	http://www.icas.org/ICAS_ARCHIVE/ICAS2012/ABSTRACTS/365.HTM

45	Effects of weather condition on aircraft emission in climb phase	Gabriella Serafino, Stefano Mininel, Gabriella Stecco, Massimiliano Nolich, Walter Ukovich, Giovanni Pedroncelli	31st Digital Avionics Systems Conference (DASC)	October 2012 in Williamsburg, VA.	IEEE Xplore	Williamsburg (Virginia)	Oct-12	pages : 3A6-1 - 3A6-12	DOI: 10.1109/DASC.2012.6382306
46	Simulation of a Fault-Tolerant Electromechanical Actuation System for Helicopter Swashplates in Modelica	S. Seemann, M. Rottach, S. Bozhko, C. Schlegel	Electrical Systems for Aircraft, Railway and Ship Propulsion	ESARS 2012	IEEE Xplore	Munich (Germany)	Oct-12	pages 1-7	DOI: 10.1109/ESARS.2012.6387389
47	GENERIC FRAMEWORK FOR MULTI-DISCIPLINARY TRAJECTORY OPTIMIZATION OF AIRCRAFT AND POWER PLANT INTEGRATED SYSTEMS	Rukshan Navaratne, Marco Tessaro, Weiqun Gu, Vishal Sethi, Pericles Pilidis, Roberto Sabatini, David Zammit-Mangion	Journal of Aeronautics & Aerospace Engineering	Volume 2, Issue 1	OMICS International		Sep-12	pages 1-14	doi:10.4172/2168-9792.1000103
48	Conducted Emission Analysis of Electric Nacelle Anti Ice System in Aircraft	Qian Zhou, Angela Nothofer	Electrical Systems for Aircraft, Railway and Ship Propulsion	ESARS 2012	IEEE Xplore	Munich (Germany)	Oct-12	pages 1-5	DOI: 10.1109/ESARS.2012.6387476
49	A weather dependent noise contour prediction concept: Calculating multi-event noise contours with ray-tracing	Michael Arntzen, Sander Hebly, Dick Simons	12th AIAA Aviation Technology, Integration, and Operations (ATIO) Conference and 14th AIAA/ISSMO Multidisciplinary Analysis and Optimization Conference, Aviation Technology, Integration, and Operations (ATIO) Conferences	AIAA 2012-5412	ARC AIAA 2012-5412	Indianapolis (Indiana)	Sep-12		http://dx.doi.org/10.2514/6.2012-5412
50	Sensitivity analyses of the emissions of NOx from a turbofan engine based on engine model (TURBOGAS).	N. Duchene, K. Synylo	THE FIFTH WORLD CONGRESS "AVIATION IN THE XXI-st CENTURY"	Proceedings of RMSW-2012	Volume 2	Kiev (Ukraine)	Sep-12	pages 600:605	http://congress.nau.edu.ua/doc/congress-2012/Congress_2012_V2.pdf
51	Modelling and Use of an Aircraft Electrical Network Simulation for Harmonics Consideration in Generator Design	Kuhn M., Rekik M., Bals, J.	SAE 2012 Power Systems Conference	SAE 2012	Technical Paper 2012-01-2220	Phoenix (Arizona)	Oct-12	pages 15	doi:10.4271/2012-01-2220
52	Modeling of An 18-pulse Autotransformer Rectifier Unit with Dynamic Phasors	Yang T., Asher G., Bozhko, S.	SAE 2012 Power Systems Conference	SAE 2012	Technical Paper 2012-01-2159	Phoenix (Arizona)	Oct-12	pages 11	doi:10.4271/2012-01-2159
53	Application of Dynamic Phasors for Modeling of Active Front-End Converter for More-Electric Aircraft	Bozhko S., Yang T., Asher, G.	SAE 2012 Power Systems Conference	SAE 2012	Technical Paper 2012-01-2157	Phoenix (Arizona)	Oct-12	pages 13	doi:10.4271/2012-01-2157

54	Modeling of Uncontrolled Rectifiers Using Dynamic Phasors	T. Yang, S. V. Bozhko, G. M. Asher	Electrical Systems for Aircraft, Railway and Ship Propulsion Conference	ESARS 2012	IEEE Xplore	Munich (Germany)	Oct-12	pages 1-6	DOI: 10.1109/ESARS.2012.6387471
55	Progress in the TEMPO Project: A Modelica Library for Scalable Modelling of Aircraft Environmental Control Systems	P. Jordan, G. Sclimitz	Proceedings of 4th. International Workshop on Aircraft System Technologies (AST 2013),	AST 2013	Otto von Estorff	Hamburg (germany)	Apr-13		https://www.shaker.de/de/content/catalogue/index.asp?lang=de&ID=8&ISBN=978-3-8440-1850-9
56	Operational and environmental assessment of the electric taxi based on fast-time simulation	Richard Wollenheit, Thorsten Mühlhausen	Transportation Research Record: Journal of the Transportation Research Board	TRB 92nd Annual Meeting, Washington D.C., Volume 2336	Transportation Research Board (TRB)	Washington D.C.	Jan-13	pp. 36–42	DOI: http://dx.doi.org/10.3141/2336-05
57	Time and Energy Management during Descent and Approach: Human vs. Automated Response	P. M. A. de Jong , N. de Gelder , R. P. M. Verhoeven, M. Mulder	32nd Digital Avionics Systems Conference (DASC)	DASC 2013	IEEE Xplore	East Syrac (USA)	Oct-13	Pages: 2C3-1 - 2C3-11	DOI: 10.1109/DASC.2013.6712540
58	ANTI-JAMMING PYROMECHANISM FOR ELECTROMECHANICAL ACTUATORS	Naubert A., Christmann M., Jänker, P., Binz H.	Proceedings of 4th. International Workshop on Aircraft System Technologies (AST 2013),	AST 2013	Otto von Estorff	Hamburg (germany)	Apr-13	pages 139-147	https://www.shaker.de/de/content/catalogue/index.asp?lang=de&ID=8&ISBN=978-3-8440-1850-9
59	Automated Intent Negotiation and Validation System for 4-Dimensional Trajectory Based Operations	A. Gardi, R. Sabatini, K. De Ridder, S. Ramasamy, L. Rodriguez Salazar	Proceedings of European Navigation Conference (ENC) 2013	ENC 2013	ENC 2013	Vienna (Austria)	Apr-13		http://www.enc2013.org/index.php/enc/proceedings
60	A Novel Flight Management System for SESAR Intent Based Operations	S. Ramasamy, R. Sabatini, A. Gardi, Y. Liu	Proceedings of European Navigation Conference (ENC) 2013	ENC 2013	ENC 2013	Vienna (Austria)	Apr-13		http://www.enc2013.org/index.php/enc/proceedings
61	Novel Flight Management System for Real-Time 4-Dimensional Trajectory Based Operations.	S. Ramasamy, R. Sabatini, A. Gardi, Y. Liu	AIAA Guidance, Navigation, and Control (GNC) Conference,	Proceedings of AIAA Guidance, Navigation and Control Conference	AIAA 2013-4763	Boston (Massachusetts)	Aug-13		http://dx.doi.org/10.2514/6.2013-4763
62	4-Dimensional Trajectory Negotiation and Validation System for the Next Generation Air Traffic Management	A. Gardi, K. De Ridder, R. Sabatini, S. Ramasamy	AIAA Guidance, Navigation, and Control (GNC) Conference,	Proceedings of AIAA Guidance, Navigation and Control Conference	AIAA 2013-4893	Boston (Massachusetts)	Aug-13		http://dx.doi.org/10.2514/6.2013-4893
63	Time and energy management during descent: Human vs automated response	P. M. A. de Jong, N. de Gelder, F. J. L. Bussink, R. P. M. Verhoeven, M. Mulder	IEEE/AIAA 32nd Digital Avionics Systems Conference (DASC)	Proceedings of 32nd Digital Avionics Systems Conference	IEEE Xplore	East Syracuse (New York)	Oct-13	Pages: 2C3-1 - 2C3-11	DOI: 10.1109/DASC.2013.6712540

64	Environmental Impact Assessment, on the Operation of Conventional and More Electric Large Commercial Aircraft	Ravinka Seresinhe, Craig Lawson, Roberto Sabatini	SAE 2013 Aerotech Congress & Exhibition	SAE International Journal of Aerospace September 2013	vol. 6 no. 1		Sep-13	pages 54-56	doi: 10.4271/2013-01-2086
65	Time and Energy Management During Descent and Approach: Batch Simulation Study	M. A. de Jong, N. de Gelder, R. P. M. Verhoeven, F. J. L. Bussink, R. Kohrs, M. M. van Paassen, M. Mulder	Journal of Aircraft	ARC	Vol. 52, No. 1		Nov-14	pp. 190-203.	http://dx.doi.org/10.2514/1.C032668
66	AN INTELLIGENT ICE PROTECTION SYSTEM FOR NEXT GENERATION AIRCRAFT TRAJECTORY OPTIMISATION	Ahmed Shinkafi, Craig Lawson, Ravinka Seresinhe, Daniele Quaglia, Irfan Madani	INCAC Conference	29th Congress of the International Council of the Aeronautical Sciences (ICAS)	Vol. 5	St. Petersburg (Russia)	Sep-14	pp 3919-3932	ISBN: 978-1-63439-411-6
67	MULTI-OBJECTIVE TRAJECTORY OPTIMIZATION TO REDUCE AIRCRAFT EMISSIONS IN CASE OF UNFORESEEN WEATHER EVENTS	G. Serafino	INCAC Conference	29th Congress of the International Council of the Aeronautical Sciences (ICAS)	vol. 6	St. Petersburg (Russia)	Sep-14	pp 4712-4720	ISBN: 978-1-63439-411-6
68	Multi-objective Aircraft Trajectory Optimization for Weather Avoidance and Emissions Reduction	G. Serafino	Second International Workshop, MESAS 2015	Proceedings of the Second International Workshop, MESAS 2015		Prague (Czech Republic)	Apr-15	pp 226-239	ISBN 978-3-319-22383-4
69	Turboprop aircraft noise: Advancements and comparison with flyover data	A. Filippone	The Aeronautical Journal	Cambridge University press	Vol. 119 issue 1215		May-15	pp. 595-619.	DOI: https://doi.org/10.1017/S0001924000010691
70	Aircraft Noise Prediction	A. Filippone	Progress in Aerospace Sciences	Manchester 1824	Vol. 68		Mar-14	pp. 27-63	DOI: 10.1016/j.paerosci.2014.02.001
71	Comparison of Aircraft Noise Models with Flyover Data	A. Filippone, Lothar Bertsch	Journal of Aircraft	ARC	Vol. 51, No. 3		Mar-14	pp. 1043-1047	http://dx.doi.org/10.2514/1.C032368
72	Multi-Disciplinary Simulation of Propeller-Turboprop Aircraft Flight	University of Manchester	The Aeronautical Journal	Cambridge University press	Volume 116 issue 1184		Oct-12	pp. 985 – 1014	DOI: https://doi.org/10.1017/S0001924000007454
73	Polarimetry applied to avionic weather radar: improvement on meteorological phenomena detection and classification	Alberto Lupidi, Christian Moscardini, Andrea Garzelli, Fabrizio Berizzi, Fabrizio Cuccoli, Marcello Bernabò	2011 Tyrrhenian International Workshop on Digital Communications - Enhanced Surveillance of Aircraft and Vehicles	Proceeedings of the TIWDC/ESAV conference	IEEE Xplore	Capri (italy)	Sep-11	Pages: 73 - 77	ISBN: 978-88-903482-3-5

74	Digital Pulse Compression Waveform Applied to Avionic Polarimetric Weather Radar	A. Lupidi, L. Facheris, F. Cuccoli	13th International Radar Symposium	Proceeedings of the 13th International Radar Symposium	IEEE Xplore	Warsaw (Poland)	May-12	pp. 496 - 500	DOI: 10.1109/IRS.2012.6233395
75	Validation of the Advanced Polarimetric Doppler Weather Radar Simulator with Polar55C real observations	Alberto Lupidi, Stefano Lischi , Fabrizio Cuccoli, Luca Baldini, Nicoletta Roberto	15th International Radar Symposium (IRS)	Proceeedings of the IRS 2014	IEEE Xplore	GDAŃSK, Poland	Jun-14	pp. 1-6	DOI: 10.1109/IRS.2014.6869250
76	Advanced Polarimetric Doppler Weather Radar Simulator	S. Lischi, A. Lupidi, M. Martorella, F. Cuccoli, L. Facheris, L. Baldini	15th International Radar Symposium (IRS)	Proceeedings of the IRS 2014	IEEE Xplore	GDAŃSK, Poland	Jun-14	pp. 1-6	DOI: 10.1109/IRS.2014.6869252
77	The X-WALD project: Towards a Cleaner sky	M. D'Amico, S. Lischi, A. Lupidi, F. Cuccoli, F. Berizzi, S. Placidi, F. Milani	11th European Radar Conference	Proceedings of the EuRAD 2014 Conference	IEEE Xplore	Rome (Italy)	Jun-14	pp. 585-588	DOI: 10.1109/EuRAD.2014.6991338
78	The X-WALD project: Towards a Cleaner sky	M. D'Amico, S. Lischi, A. Lupidi, F. Cuccoli, F. Berizzi, S. Placidi, F. Milani	44th European Microwave Conference	Proceedings of the 44th EuMC	IEEE Xplore	Rome (Italy)	Jun-14	pp. 1888 - 1891,	DOI: 10.1109/EuMC.2014.6986830
79	Capabilities and Potential of an Avionic Polarimetric Weather Radar Simulator	Alberto Lupidi, Stefano Lischi, Fabrizio Cuccoli, Fabrizio Berizzi, Luca Facheris	SPSympo 2015 Conference	Signal Processing Symposium	IEEE Xplore	Debe (Poland)	Jun-15	pp. 180-184	DOI: 10.1109/SPS.2015.7168265
80	Model Based Specifications in Aircraft Systems Design	Martin R. Kuhn, Martin Otter, Tim Giese	Porceeding of the 11th International Modelica Conference	The 11th International Modelica Conference 2015	Modelica	Versailles (France)	Sep-15	pp. 491-500	DOI DOI: 10.3384/ecp15118491
81	Automated Safety Analysis by Minimal Path Set Detection for Multi-Domain Object-Oriented Models	Christian Schallert	Porceeding of the 11th International Modelica Conference	The 11th International Modelica Conference 2015	Modelica	Versailles (France)	Sep-15	pp.565-575	DOI: 10.3384/ecp15118565
82	Initial results from a Hybrid Eectro-Thermal Electro-Mechanical Simulation Tool (HETEMS)	Colin Hatch, Roger Gent, Richard Moser	SAE 2015 International Conference on Icing of Aircraft, Engines, and Structures	SAE Technical Paper 2015-01-2142	SAE International		Jun-15	pp. 1-7	DOI:10.4271/2015-01-2142

83	The implications of aerospace requirements on the design-space of a permanent magnet starter/generator	Brink E., Gerber M., De Boer A., Van der Geest M., Zeilstra D.	Proceedings of the 3rd CEAS Specialist Conference on Guidance, Navigation and Control	CEAS 2015 -5th CEAS Air & Space Conference	Open Air	Toulouse (France)	Apr-15	pp. 1-15	uuid:73005fd1-6612-46f4-a511-87b5b93136cf
84	On Trajectory Optimisation for Reducing the Impact of Commercial Aircraft Operations on the Environment	Cesar Celis, Richard Long, Pericles Pilidis, David Zammit-Mangion	Proceedings of the XIX International Symposium on Air Breathing Engines 2009	ISABE 2009 - Vol. 1	proceedings.com	Montreal (Canada)	Sep-09	pp. 149-159	ISBN: 978-1-61567-606-4
85	Bi-objective Pseudospectral Optimal Control techniques for Aircraft Trajectory Optimisation	K. Chircop, D. Zammit-Mangion, R. Sabatini	Proceedings of the 28th Congress of the International Council of the Aeronautical Sciences	ICAS 2012 - Vol. 6	proceedings.com	Brisbane (Australia)	Sep-12		ISBN: 9781622767540
86	City-Pair Trajectory Optimization in the Presence of Winds using the GATAC Framework	Daniel Pisani, David Zammit Mangion, Roberto Sabatini	AIAA Guidance, Navigation, and Control (GNC) Conference	GNC 2013 - AIAA 2013-4970	ARC	Boston (MA)	Aug-13		http://dx.doi.org/10.2514/6.2013-4970
87	Development of a Method to Study Aircraft Trajectory Optimisation in the Presence of Icing Conditions	Ahmed Abdullahi Shinkafi	PhD Thesis	SCHOOL OF ENGINEERING Department of Aerospace Engineering	University of Cranfield	Cranfield (UK)	Nov-15		https://dspace.lib.cranfield.ac.uk/handle/1826/10154
88	Development of a Tool to Study Aircraft Trajectory Optimisation in the Presence of Icing Conditions	Ahmed Abdullahi Shinkafi, Craig Lawson	Proceedings of the Institution of Mechanical Engineers, Part G, Journal of Aerospace Engineering.	Vol. 229, no. 8	SAGE Journal		May-15	pp. 1464-1484	http://journals.sagepub.com/doi/abs/10.1177/0954410014553489
89	Trajectory Optimization of Airliners to Minimize Environmental Impact	Craig Lawson, Irfan Madani, Ravinka Seresinhe, Devaiah K. Nalianda	SAE 2015 AeroTech Congress & Exhibition	SAE Technical Paper 2015-01-2400	SAE INTERNATIONAL	Seattle (USA)	Sep-15		doi:10.4271/2015-01-2400
90	New Parallel Method for adjacent disconnected unstructured 3D meshes	J. Muela, D. Martínez, O. Lehmkuhl, C.D. Pérez-Segarra, A. Oliva	International Journal of Computational Fluid Dynamics	Volume 30, 2016 - Issue 6 - Special Issue on the 27th International Conference on Parallel Computational Fluid Dynamics	Tayor&Francis online	Barcelona (Spain)	Jun-16	pp. 388-394	http://dx.doi.org/10.1080/10618562.2016.1205187
91	Jet pump optimization through Reynolds averaged Navier - Stokes analysis	George Bogdan Gherman, Ion Malael, Mihai Mihaescu, Ionut Porumbel	International Journal of Computational Fluid Dynamics	22nd AIAA Computational Fluid Dynamics	ARC	Dallas (Texas)	Jun-16		doi: 10.2514/6.2015-2610

92	Steady-state and unsteady simulations of a high velocity jet into a Venturi shaped pipe	Bernhard Semlitsch, Estelle Laurendeau, Mihai Mihăescu	4th Joint US-European Fluids Engineering Division Summer Meeting and 12th International Conference on Nanochannels, Microchannels, and Minichannels	ASME 2014	ASME.org	Chicago (USA)	Aug-14	pp. V01CT16A023; 9 pages	ISBN: 978-0-7918-4623-0
93	Online health monitoring of metallized polymer film capacitors for avionics applications	Maawad Makdessi, Ali Sari, Guillaume Aubard, Pascal Venet, Charles Joubert, Jimmy Duwattez	IEEE 24th International Symposium on Industrial Electronics (ISIE) 2015	International Symposium on industrial electronics (ISIE) 2015	IEEE Xplore	Rio de Janeiro (Brazil)	Jun-15		DOI: 10.1109/ISIE.2015.7281659
94	Lifetime estimation of high-temperature high-voltage polymer film capacitor based on capacitance loss	M. Makdessia, b, A. Saria, P. Venetа, G. Aubardb, F. Chevalierb, R. Préseaub, T. Doytchinova, J. Duwattezb	Proceedings of ESREF 2015	Paper: Elsevier, microelectronics reliability, Volume 55, Issues 9–10	Elsevier	Toulouse (France)	Oct-15	pp. 2012–2016	http://dx.doi.org/10.1016/j.microrel.2015.06.099
95	An Investigation into the Geometric Parameters Affecting Field Uniformity in Four Pole Magnetisers	Bartolo James Borg, Klimczyk Piotr, Tiwisina Kai, Denke Patrick, Siebert Stefan, Gerada Christopher	13th International Workshop on 1&2 Dimensional Magnetic Measurement and Testing (2014)	International Journal of Applied Electromagnetics and Mechanics, vol. 48, no. 2,3,	Journal: International Journal of Applied Electromagnetics and Mechanics, vol. 48, no. 2,3, pp. 225-232, 2015	Turin (Italy)	Sep-14	pp. 225-232	DOI: 10.3233/JAE-151992
96	Design and Testing of a High-Speed Aerospace Permanent Magnet Starter/Generator	M. van der Geest, H. Polinder, J. A. Ferreira, D. Zeilstra	International Conference on Electrical Systems for Aircraft, Railway, Ship Propulsion and Road Vehicles (ESARS)	ESARS 2015 Conference	IEEE Xplore	Aachen (Germany)	March 2015	pp. 1 - 6	DOI: 10.1109/ESARS.2015.7101422
97	Multi Electrical Machine Pre-Design tool with error handling and machine specific advanced graphical design aid features based on Modelica	Tomasz D. Michaski, Antoni Garcia Espinosa, Jordi-Roger Riba Ruiz, Luís Romeral Martínez	Proceedings of the 11th International Modelica Conference	11th International Modelica Conference	Linköping University Electronic Press	Versailles (France)	Sep-15	pp. 501-508	DOI 10.3384/ecp15118501
98	Vibration measurement of electrical machines using integrated fibre Bragg gratings	M. Fabian, J. Borg Bartolo, M. Ams, C. Gerada, T. Sun, K. T. V. Grattan	SPIE Proceedings Volume 9634	24th International Conference on Optical Fibre Sensors	Spie Digital Library	Curitiba (Brazil)	Sep-15		doi:10.1117/12.2194596
99	Model-based system assessment and trajectory optimization on aircraft level	Re Fabrizio, Schlabe Daniel, Müller Reiko	Proceedings of 5th CEAS Air and Space Conference 2015	CEAS 2015	OpenAir/DLR server	Delft (Netherlands)	Sep-15	pp. 1-13	http://elib.dlr.de/98251/1/CEAS2015_252.pdf

100	WEMSGEN: A REAL-TIME WEATHER MODELLING LIBRARY FOR ON-BOARD TRAJECTORY OPTIMISATION AND PLANNING	Prats Menéndez Xavier, Vilardaga García-Cascón Santi, Isanta Roger, Bas Isidro, Birling Florent	Proceedings of 34th Digital Avionics Systems Conference	34th Digital Avionics Systems Conference	IEEE.XPLORE	Delft (Netherlands)	Sep-15	pp. 1-24	DOI: 10.1109/DASC.2015.7311607
101	EVALUATION OF IN-FLIGHT TRAJECTORY OPTIMISATION WITH TIME CONSTRAINTS IN A MOVING BASE FLIGHT SIMULATOR	Xavier Prats, Frank Bussink, Ronald Verhoeven, Adri Marsman	Proceedings of 34th Digital Avionics Systems Conference	34th Digital Avionics Systems Conference	IEEE.XPLORE	Delft (Netherlands)	Sep-15	pp. 1F3-1 - 1F3-13	DOI: 10.1109/DASC.2015.7311353
102	The Importance of Load Pulse Timing in Aircraft Generation	S. Constanza Ahumada, Seamus Garvey, Tao Yang, Patrick Wheeler, Herve Morvan	Proceedings of 18th International Conference on Electrical Machines and Systems	18th International Conference on Electrical Machines and Systems	IEEE.XPLORE	Pattaya City (Thailand)	Oct-15	pp. 1339 - 1345	DOI: 10.1109/ICEMS.2015.7385247
103	Experimental Comparison between Direct Matrix Converter and Indirect Matrix Converter Based On Efficiency	Andrew Trentin, Pericle Zanchetta, Lee Empringham, Liliana de Lillo, Pat Wheeler, Jon Clare	Proceedings of Energy Conversion Congress and Exposition (ECCE)	the IEEE Energy Conversion Congress & Expo Conference	IEEE.XPLORE	Montreal (Canada)	Sep-15	pp. 2580 - 2587	DOI: 10.1109/ECCE.2015.7310022
104	Experimental Efficiency Comparison Between a Direct Matrix Converter and an Indirect Matrix Converter Using Both Si IGBTs and SiC mosfets	Andrew Trentin, Lee Empringham, Liliana de Lillo, Pericle Zanchetta, Pat Wheeler, Jon Clare	IEEE Journals & Magazines - IEEE Transactions on Industry Applications	Volume: 52, Issue: 5	IEEE.XPLORE		Sep-16	pp. 4135 - 4145	DOI: 10.1109/TIA.2016.2573752
105	Experimental comparison of devices thermal cycling in direct matrix converters (DMC) and Indirect Matrix Converters (IMC) using SiC MOSFETs	Andrew Trentin, Pericle Zanchetta, Lee Empringham, Liliana de Lillo, Pat Wheeler, Jon Clare	proceedings of 2016 IEEE Energy Conversion Congress and Exposition (ECCE)	2016 IEEE Energy Conversion Congress and Exposition (ECCE)	IEEE.XPLORE	Milwaukee (WISCOUNSIN)	Feb-17	pp. 1.-8	DOI: 10.1109/ECCE.2016.7855094
106	Modelling Common Mode Impedances for Lightning Indirect Effects on Multiconductor Cables into Composite Aircraft Equipped with Current Return Networks	Junqua I., Parmantier J.P., Prost	proceedings of 2015 International Conference on Lightning and Static Electricity	2015 International Conference on Lightning and Static Electricity	ProQuest	Toulose (france)	Sep-16		DOI: 10.1049/ic.2015.0158
107	Numerical Analysis of Avionic Grounding Structures with Surface PEEC Formulation	Mauro Bandinelli, Alessandro Mori, Giulio Antonini, Daniele Romano, Gian Marco Sammarone	Proceedings of 9th European Conference on Antennas and Propagation (EuCAP)	Eucap 2015	IEEE.XPLORE	Lisbon (portugal)	Apr-15		http://ieeexplore.ieee.org/document/7228882/

108	Hydrometeor classification for X-band dual polarization radar on-board civil aircrafts	N. Roberto, A. Adirosi, L. Baldini, L. Facheris, F. Cuccoli, A. Lupidi, A. Garzelli	Proceedings of the 2015 IEEE International Geoscience and Remote Sensing Symposium (IGARSS)	IGARSS 2015	IEEE.XPLORE	Milan (Italy)	Jul-15	pp. 2319 - 2322	DOI: 10.1109/IGARSS.2015.7326272
109	Aircraft hazard evaluation for critical weather avoidance	Francesco Sermi, Fabrizio Cuccoli, Clio Mugnai, Luca Facheris	Proceedings of 2nd IEEE International Workshop on Metrology for Aerospace	MetroAeroSpace 2015 IEEE	IEEE.XPLORE	Benevento (Italy)	Jun-15	pp. 454 - 459	DOI: 10.1109/MetroAeroSpace.2015.7180700
110	Icing Hazard for Civil Aviation	Piercesare Bernabò, Fabrizio Cuccoli, Luca Baldini	Proceedings of 2nd IEEE International Workshop on Metrology for Aerospace	MetroAeroSpace 2015 IEEE	IEEE.XPLORE	Benevento (Italy)	Jun-15	pp. 295-300	DOI: 10.1109/MetroAeroSpace.2015.7180671
111	Unsteady Thermal Simulations of Wing Ice Protection Systems Integrated in Metallic or Composite Structures'	Maxime Henno	SAE 2015 International Conference on Icing of Aircraft, Engines, and Structures	SAE Technical Paper 2015-01-2093	SAE International	Prague (Czech Republic)	Jun-15	pp. 9	DOI:10.4271/2015-01-2093
112	MultiComponentMultiPhase – a framework for thermodynamic properties in Modelica	Johan WINDAHL, Katrin PRÖLSS, Maarten BOSMANS, Hubertus TUMMESCHEIT, Eli van ES, Awin SEWGOBIND	Proceedings of the 11th International Modelica Conference	11th International Modelica Conference	www.modelica.org	Versailles (France)	Sep-15	pp. 653-662.	DOI: 10.3384/ecp15118653
113	Towards a Formalized Modelica Subset	Lucas Satabin, Jean-Louis Colaço, Olivier Andrieu, Bruno Pagano	Proceedings of the 11th International Modelica Conference	11th International Modelica Conference	www.modelica.org	Versailles (France)	Sep-15	pp. 637-646	DOI:10.3384/ecp15118637
114	Evaluation of in-flight trajectory optimisation with time constrains in a moving base flight simulator	Xavier Prats, Frank Bussink, Ronald Verhoeven, Adri Marsman	Proceedings of the 34th Digital Avionics Systems Conference	DASC 2015 IEEE/AIAA	IEEE.XPLORE	Delft (Netherlands)	Sep-15		DOI: 10.1109/DASC.2015.7311521
115	New Rating Life Calculation for Rolling Elements on Aircraft	T. Munzing, H. Binz, S. Seemann, M. Christmann, S. Toro	Proceedings of the Exhibition on New Actuators and Drive Systems ACTUATOR conference	Book - artcile n. 86.4	Xinxii	Bremen (Germany)	Jun-16	pp. 270-273	ISBN 978-3-933339-26-3
116	Degradation of Conformal Coatings on Printed Circuit Boards Due to Partial Discharge	Christopher Emersic, Robert Lowndes, Ian Cotton, Simon Rowland, Robert Freer	IEEE Transactions on Dielectrics and Electrical Insulation Journal	Volume: 23, Issue: 4	IEEE.XPLORE		Aug-16	pp. 2232 - 2240	DOI: 10.1109/TDEI.2016.7556499

117	Design, manufacturing and demonstration of acoustic liners for air conditioning systems	Estelle Piot, Jean-Philippe Brazier, Frank Simon, Valia Fascio, Christophe Peyret, Johanna Ingenito	22nd AIAA/CEAS Aeroacoustics Conference	AIAA 2016-2788	ARC	Lyon (France)	Jun-16	pp. 1-14	http://dx.doi.org/10.2514/6.2016-2788
118	Time and Energy Managed Operations (TEMO)	Ronald Verhoeven, Frank J.L. Bussink, Xavier Prats, Ramon Dalmau	Proceedings of the 27th Society of Flight Test Engineers - European Chapter Symposium	SFTE Conference Presentation: 10-12 May 2016, Nürnberg, Germany	UPCommons	Nürnberg (Germany)	May-16	pp. 1-13	http://hdl.handle.net/2117/102052
119	Automated Safety Analysis by Minimal Path Set Detection for Multi-Domain Object-Oriented Models	Christian Schallert	Mathematical and Computer Modelling of Dynamical Systems Journal	Vol. 0 , Iss. 0,0	Taylor & Francis		Mar-17	pp. 1-20	http://dx.doi.org/10.1080/13873954.2017.1298624
120	Optimization of the vertical trajectory through Time and Energy management: A Human in the-Loop Study	Frank Bussink, Ronald Verhoeven, Adri Marsman, Xavier Prats, Bianca Bendris, Josep Montolio, Brent Day	Proceedings of the AIAA Guidance, Navigation, and Control Conference	AIAA Science and Technology Forum and Exposition 2016	ARC	San Diego (California)	Jan-16		doi: 10.2514/6.2016-1626
121	4D continuous descent operations supported by an electronic flight bag: A human-in-the-loop study	Xavier Prats, Bianca Bendris, Ramon Dalmau, Josep Montolio, Brent Day, Helge Lenz, Ralf Kohrs	Proceedings of the IEEE/AIAA 35th Digital Avionics Systems Conference	DASC 2016	IEEE.XPLORE	Sacramento (CA)	Sep-16		DOI: 10.1109/DASC.2016.7778022
122	Efficient trajectory parameterization for environmental optimization of departure flight paths using a genetic algorithm	S. Hartjes, H.G. Visser	Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering	Journal of Aerospace Engineering	Sage Journals		May-16		DOI: 10.1177/0954410016648980

123	Using Opposition Method to Test Aerospace Power Electronics Converters	Rodolphe De Maglie, Roger Birost, Alfred Engler	18th European Conference on Power Electronics and Applications	EPE'16 ECCE Europe	IEEE.XPLORE	Karlsruhe (Germany)	Sep-16	pp. 1-9	DOI: 10.1109/EPE.2016.7695272
124	Representative PWM waveform generator for measurement of partial discharges in power electronic systems	Benjamin Cella , Rodolphe De Maglie, Alfred Engler	18th European Conference on Power Electronics and Applications	EPE'16 ECCE Europe	IEEE.XPLORE	Karlsruhe (Germany)	Sep-16	pp. 1-9	DOI: 10.1109/EPE.2016.7695273
125	Two-phase cooling technology integration in aeronautics: opportunities, challenges and characterization	Mikael MOHAUPT, Fatima Oukara, Laurent Barremaecker	Proceedings of the Greener Aviation Conference	Greener Aviation Conference in Brussels - Paper id. 42		Bruxelles (Belgium)	Oct-16	pp. 1-13	
126	Design of High-Torque-Density Synchronous Drives for Propulsion of Rotary-Wing Aircraft	Sanabria von Walter, C.D.	PhD Thesis	TU Delft - Institutional Repository	TU Delft - Institutional Repository	Delft (Netherlands)	May-16	pp.1-197	doi:10.4233/uuid:fc614c24-420a-45f2-8d47-78e9dd4c750b
127	Time and Energy Managed Operations (TEMO) Citation flight trials	Ronald Verhoeven, Frank J.L. Bussink, Xavier Prats, Ramon Dalmau	Proceedings of the Greener Aviation Conference	Greener Aviation Conference in Brussels - Paper id. 36		Bruxelles (Belgium)	Oct-16	pp. 1-14	
128	Time and Energy Management During Approach: A Human-in-the-Loop Study	P. M. A. de Jong, F. J. L. Bussink, R. P. M. Verhoeven, N. de Gelder, M. M. van Paassen, M. Mulder	Journal of Aircraft	Vol. 54, No. 1	AIAA		Jun-16	pp. 177-189.	http://dx.doi.org/10.2514/1.C033741