

Author Index

- ABDALLA, M.M., GURDAL, Z. and DE BREUKER, R.**
Nonlinear aeroelastic design of morphing outboard wing sections, pp 713-728.
- ABDELRAHMAN, M.M., ELBAYOUMI, G.M., ELNOMROSSY, M.M. and AHMED, M.R.**
Optimal wing twist distribution for roll control of MAVs, pp 641-649.
- AHMED, M.R., ABDELRAHMAN, M.M., ELBAYOUMI, G.M. and ELNOMROSSY, M.M.**
Optimal wing twist distribution for roll control of MAVs, pp 641-649.
- AHMED, M.Y.M. and QIN, N.**
Numerical investigation of aeroheating characteristics of spiked blunt bodies at Mach six flight conditions, pp 377-386.
- AJAJ, R.M., ALLEGRI, G. and ISIKVEREN, A.T.**
Conceptual design and sizing of airframe panels according to safe-life acoustic fatigue criteria, pp 15-27.
- AKHRIF, O., SAYDY, L., SAUSSIE, D. and BERARD, C.**
Robust scheduled control of longitudinal flight with handling quality satisfaction, pp 163-174.
- ALLEGRI, G., ISIKVEREN, A.T. and AJAJ, R.M.**
Conceptual design and sizing of airframe panels according to safe-life acoustic fatigue criteria, pp 15-27.
- ALLEN, C.B. and RENDALL, T.C.S.**
Aerodynamic shape optimisation of hovering rotors using compressible CFD, pp 513-519.
- ANDERSON, D. and HALL, J.**
Reactive route selection from pre-calculated trajectories — application to micro-UAV path planning, pp 635-640.
- ANIA, A., POIREL, D. and POTVIN, M.-J.**
Kinematic and aerodynamic characterisation of the RotaFlap — a novel flapping wing mechanism, p 1-13.
- ARUN KUMAR, P., VERMA, S.B. and ELANGOVA, S.**
Study of jets from rectangular nozzles with square grooves, pp 187-196.
- ARVAI, A.R., KEHOE, J.J. and LIND, R.**
Vision-based navigation using multi-rate feedback from optic flow and scene reconstruction, pp 411-420.
- AUTERI, F., CAMPANARDI, G., MACCHI, C., ZANOTTI, A., STABELLINI, A. and GIBERTINI, G.**
Wind-tunnel tests of a tilt-rotor aircraft, pp 315-322.
- BALACHANDRAN, B., FITZGERALD, T., VALDEZ, M., VANELLA, M. and BALARAS, E.**
Flexible flapping systems: computational investigations into fluid-structure interactions, pp 593-604.
- BALARAS, E., BALACHANDRAN, B., FITZGERALD, T., VALDEZ, M. and VANELLA, M.**
Flexible flapping systems: computational investigations into fluid-structure interactions, pp 593-604.
- BAO, W., QIN, J. and ZHOU, W.X.**
Heat transfer characteristic modelling and the effect of operating conditions on re-cooled cycle for a scramjet, pp 83-90.
- BARAKOS, G.N. AND JOHNSON, C.S.**
A framework for optimising aspects of rotor blades, pp 147-161.
- BARBER, T.J., LEONARDI, E. and BEVES, C.C.**
Aerofoil flow separation suppression using dimples, pp 335-344.
- BENALLEGUE, A., DERAFA, L., OULDALI, A. and MADANI, T.**
Non-linear control algorithm for the four rotors UAV attitude tracking problem, pp 175-185.
- BENITEZ, L.H., OLIVER, M., CLIMENT, H. and PEREZ, J.L.**
Survey of aircraft structural dynamics non-linear problems and some recent solutions, pp 653-668.
- BERARD, C., AKHRIF, O., SAYDY, L. and SAUSSIE, D.**
Robust scheduled control of longitudinal flight with handling quality satisfaction, pp 163-174.
- BERSEE, H., VAN TOOREN, M. and KASAPOGLOU, C.**
Composite materials, composite structures, composite systems: how to get the best out of composites, pp 789.
- BEVES, C.C., BARBER, T.J. and LEONARDI, E.**
Aerofoil flow separation suppression using dimples, pp 335-344.
- BHOI, S.R. and SURYANARAYANA, G.K.**
Prediction of total pressure characteristics in the settling chamber of a supersonic blowdown wind tunnel, pp 557-566.
- BLAKEY, S., WILSON, C.W., FARMERY, M. and MIDGLEY, R.**
Fuel effects on range versus payload for modern jet aircraft, pp 627-634.
- BOLINCHES, M., KEANE, A.J., FORRESTER, A.I.J., SCANLAN, J.P. and TAKEDA, K.**
Design, analysis and experimental validation of a morphing UAV wing, pp 761-765.
- BOTEZ, R.M. and DE JESUS MOTA, S.**
New helicopter model identification method based on flight test data, pp 295-314.
- BROWN, R.E. PHILLIPS, C. and KIM, H.W.**
Helicopter brownout — Can it be modelled?, pp 123-133.
- CAMILLERI, R., OGAJI, S. and PILIDIS, P.**
Applying heat pipes to a novel concept aero engine Part 1 — Design of a heat-pipe heat exchanger for an intercooled aero engine, pp 393-402.
- CAMILLERI, R., OGAJI, S. and PILIDIS, P.**
Applying heat pipes to a novel concept aero engine Part 2 — Design of a heat-pipe heat exchanger for an intercooled-recuperated aero engine, pp 403-410.
- CAMPANARDI, G., MACCHI, C., ZANOTTI, A., STABELLINI, A., GIBERTINI, G. and AUTERI, F.**
Wind-tunnel tests of a tilt-rotor aircraft, pp 315-322.
- CARNDUFF, S. AND COOKE, A.**
Application of aerodynamic model structure determination to UAV data, pp 481-492.
- CHAN, W.-L., JAN, S.-S., HSIAO, F.-B. and LEE, C.-S.**
A linear-quadratic-Gaussian approach for automatic flight control of fixed-wing unmanned air vehicles, pp 29-41.
- CLIMENT, H., PEREZ, J.L., BENITEZ, L.H. and OLIVER, M.**
Survey of aircraft structural dynamics non-linear problems and some recent solutions, pp 653-668.

- COOKE, A. and CARNDUFF, S.**
Application of aerodynamic model structure determination to UAV data, pp 481-492.
- COOPER, J.E. and HARMIN, M.Y.**
Aeroelastic wing design including geometric nonlinearities — Nonlinear aeroelastic design of morphing outboard wing sections, pp 767-788.
- DAVIS, J., MONCAYO, H. and PERHINSCHI, M.G.**
Aircraft failure detection and identification over an extended flight envelope using an artificial immune system, pp 43-55.
- DE BREUKER, R., ABDALLA, M.M. and GURDAL, Z.**
Nonlinear aeroelastic design of morphing outboard wing sections, pp 713-728.
- DE GREGORIO, F., SHENG, W., GIBERTINI, G., SERAUDIE, A., DE GROOT, K., SCHNEIDER, O. and RAFFEL, M.**
On the generation of a helicopter aerodynamic database, pp 103-112.
- DE GROOT, K., SCHNEIDER, O., RAFFEL, M., DE GREGORIO, F., SHENG, W., GIBERTINI, G. and SERAUDIE, A.**
On the generation of a helicopter aerodynamic database, pp 103-112.
- DE JESUS MOTA, S. and BOTEZ, R.M.**
New helicopter model identification method based on flight test data, pp 295-314.
- DEL PINO, C., LOPEZ-ALONSO, J.M., PARRAS, L. and FERNANDEZ-FERIA, R.**
Dynamics of the wing-tip vortex in the near field of a NACA 0012 aerofoil, pp 229-239.
- DERAFA, L., OULDALI, A., MADANI, T. and BENALLEGUE, A.**
Non-linear control algorithm for the four rotors UAV attitude tracking problem, pp 175-185.
- DONNERHACK, S., SEITZ, A. and SCHMITT, D.**
Emission comparison of turbofan and open rotor engines under special consideration of aircraft and mission design aspects, pp 351-360.
- ELANGOVA, S., ARUN KUMAR, P. and VERMA, S.B.**
Study of jets from rectangular nozzles with square grooves, pp 187-196.
- ELBAYOUMI, G.M., ELNOMROSSY, M.M., AHMED, M.R. and ABDELRAHMAN, M.M.**
Optimal wing twist distribution for roll control of MAVs, pp 641-649.
- ELNOMROSSY, M.M., AHMED, M.R., ABDELRAHMAN, M.M. and ELBAYOUMI, G.M.**
Optimal wing twist distribution for roll control of MAVs, pp 641-649.
- FARMERY, M., MIDGLEY, R., BLAKEY, S. and WILSON, C.W.**
Fuel effects on range versus payload for modern jet aircraft, pp 627-634.
- FERNANDEZ-FERIA, R., DEL PINO, C., LOPEZ-ALONSO, J.M. and PARRAS, L.**
Dynamics of the wing-tip vortex in the near field of a NACA 0012 aerofoil, pp 229-239.
- FITZGERALD, T., VALDEZ, M., VANELLA, M., BALARAS, E. and BALACHANDRAN, B.**
Flexible flapping systems: computational investigations into fluid-structure interactions, pp 593-604.
- FORRESTER, A.I.J., SCANLAN, J.P., TAKEDA, K., BOLINCHES, M. and KEANE, A.J.**
Design, analysis and experimental validation of a morphing UAV wing, pp 761-765.
- FRANCO, N., GAMBOA, P.V., SILVA, J.M. and NUNES, C.Z.**
Damage tolerant cork based composites for aerospace applications, pp 567-575.
- FRIEDMANN, P.P., WAAS, A.M., MCNAMARA, J.J. and NG, W.H.**
Thermomechanical behaviour of a damaged thermal protection system: experimental correlation and influence of hypersonic flow, pp 69-82.
- GAMBOA, P.V., SILVA, J.M., NUNES, C.Z. and FRANCO, N.**
Damage tolerant cork based composites for aerospace applications, pp 567-575.
- GEHRI, A., STEPHANI, P., VOS, J.B., MANDANIS, G. and GUILLAUME, M.**
F/A-18 vertical tail buffeting calculation using unsteady fluid structure interaction, pp 285-294.
- GERLACH, T.**
Visualisation of the brownout phenomenon, integration and test on a helicopter flight simulator, pp 57-63.
- GHOSH, A.K. and KUMAR, R.**
Parameter estimation using unsteady downwash model from real flight data of Hansa-3 aircraft, pp 577-588.
- GIBERTINI, G., AUTERI, F., CAMPANARDI, G., MACCHI, C., ZANOTTI, A. and STABELLINI, A.**
Wind-tunnel tests of a tilt-rotor aircraft, pp 315-322.
- GIBERTINI, G., SERAUDIE, A., DE GROOT, K., SCHNEIDER, O., RAFFEL, M., DE GREGORIO, F. and SHENG, W.**
On the generation of a helicopter aerodynamic database, pp 103-112.
- GILLIES, E.A., WANG, Y. and GREEN, R.B.**
Trailing-edge flap flow control for dynamic stall, pp 493-503.
- GRATTON, G., MARES, C. and SAEED, B.**
A feasibility assessment of annular winged VTOL flight vehicles, pp 683-692.
- GREEN, R.B., GILLIES, E.A. and WANG, Y.**
Trailing-edge flap flow control for dynamic stall, pp 493-503.
- GREENWELL, D.I.**
Modelling of static aerodynamics of helicopter underslung loads, pp 201-219.
- GUILLAUME, M., GEHRI, A., STEPHANI, P., VOS, J.B. and MANDANIS, G.**
F/A-18 vertical tail buffeting calculation using unsteady fluid structure interaction, pp 285-294.
- GURDAL, Z., DE BREUKER, R. and ABDALLA, M.M.**
Nonlinear aeroelastic design of morphing outboard wing sections, pp 713-728.
- HALL, J. and ANDERSON, D.**
Reactive route selection from pre-calculated trajectories – application to micro-UAV path planning, pp 635-640.
- HANNON, C., TOROPOV, V.V. and QUERIN, O.M.**
A neuro-fuzzy approach to the weight estimation of aircraft structures, pp 739-748.
- HARMIN, M.Y. and COOPER, J.E.**
Aeroelastic wing design including geometric nonlinearities — Nonlinear aeroelastic design of morphing outboard wing sections, pp 767-788.
- HARRIS, A.P. and RATCLIFFE, N.M.**
Dimensional modelling of the fuel outgassing phenomenon: Improving flammability assessment of aircraft fuel tanks, pp 605-614.

- HECKER, P., SCHONHALS, S. and STEEN, M.**
Wake vortex prediction and detection utilising advanced fusion filter technologies, pp 221-228.
- HEILIGERS, M.M., VAN BENNEKOM, K.T.P., VAN TUINEN, T.J., VAN HOLTEN, TH. and MULDER, M.**
Pilot task demand load during RNAV approaches with a Cessna Citation, pp 421-439.
- HOLMES, J., THOMPSON, M., WATKINS, S. and WHITE, C.**
Span-wise wind fluctuations in open terrain as applicable to small flying craft, pp 693-701.
- HOUSTON, S.S.**
Light gyroplane empennage design considerations, pp 505-511.
- HSIAO, F.-B., LEE, C.-S., CHAN, W.-L. and JAN, S.-S.**
A linear-quadratic-Gaussian approach for automatic flight control of fixed-wing unmanned air vehicles, pp 29-41.
- ILIE, M., NITZSCHE, F. and MATIDA, E.**
Parametric studies of aerofoil-vortex interaction; a numerical approach using LES, pp 703-711.
- ISIKVEREN, A.T., AJAJ, R.M. and ALLEGRI, G.**
Conceptual design and sizing of airframe panels according to safe-life acoustic fatigue criteria, pp 15-27.
- JAN, S.-S., HSIAO, F.-B., LEE, C.-S. and CHAN, W.-L.**
A linear-quadratic-Gaussian approach for automatic flight control of fixed-wing unmanned air vehicles, pp 29-41.
- JAWORSKI, A.J., TURNER, J.T., WOOD, N.J. and ZHANG, S.**
Investigation of the three-dimensional flow over a 40° swept wing, pp 441-449.
- JIAN-XIA, L., XIAN-ZHONG, G., XIAO-QING, C. and ZHONG-XI, H.**
Modification impact on aerodynamic performance of hypersonic waverider, pp 325-334.
- JOHNSON, C.S. and BARAKOS, G.N.**
A framework for optimising aspects of rotor blades, pp 147-161.
- JONES, T., VON BACKSTROM, T.W. and MANESCHIJN, A.**
An operability framework for unmanned aircraft systems, pp 361-376.
- KAR, I.N. and MAJEED, M.**
Multi sensor data fusion based approach for the calibration of airdata systems, pp 113-122.
- KASAPOGLOU, C., BERSEE, H. and VAN TOOREN, M.**
Composite materials, composite structures, composite systems: how to get the best out of composites, pp 789-797.
- KEANE, A.J., FORRESTER, A.I.J., SCANLAN, J.P., TAKEDA, K. and BOLINCHES, M.**
Design, analysis and experimental validation of a morphing UAV wing, pp 761-765.
- KEHOE, J.J., LIND, R. and ARVAI, A.R.**
Vision-based navigation using multi-rate feedback from optic flow and scene reconstruction, pp 411-420.
- KHANAL, B., KNOWLES, K. and SADDINGTON, A.J.**
Computational study of flowfield characteristics in cavities with stores, pp 669-681.
- KIM, H.W., BROWN, R.E. and PHILLIPS, C.**
Helicopter brownout — Can it be modelled?, pp 123-133.
- KNOWLES, K., SADDINGTON, A.J. and KHANAL, B.**
Computational study of flowfield characteristics in cavities with stores, pp 669-681.
- KUMAR, R. and GHOSH, A.K.**
Parameter estimation using unsteady downwash model from real flight data of Hansa-3 aircraft, pp 577-588.
- LEE, C.-S., CHAN, W.-L., JAN, S.-S. and HSIAO, F.-B.**
A linear-quadratic-Gaussian approach for automatic flight control of fixed-wing unmanned air vehicles, pp 29-41.
- LEONARDI, E., BEVES, C.C. and BARBER, T.J.**
Aerofoil flow separation suppression using dimples, pp 335-344.
- LEWIS, H.G., SWINERD, G.G. and NEWLAND, R.J.**
The space debris environment: future evolution, pp 241-247.
- LIND, R., ARVAI, A.R. and KEHOE, J.J.**
Vision-based navigation using multi-rate feedback from optic flow and scene reconstruction, pp 411-420.
- LOPEZ-ALONSO, J.M., PARRAS, L., FERNANDEZ-FERIA, R. and DEL PINO, C.**
Dynamics of the wing-tip vortex in the near field of a NACA 0012 aerofoil, pp 229-239.
- LU, L., PADFIELD, G.D., WHITE, M. and PERFECT, P.**
Fidelity enhancement of a rotorcraft simulation model through system identification, pp 453-470.
- MACCHI, C., ZANOTTI, A., STABELLINI, A., GIBERTINI, G., AUTERI, F. and CAMPANARDI, G.**
Wind-tunnel tests of a tilt-rotor aircraft, pp 315-322.
- MADANI, T., BENALLEGUE, A., DERAFA, L. and OULDALI, A.**
Non-linear control algorithm for the four rotors UAV attitude tracking problem, pp 175-185.
- MAJEED, M. and KAR, I.N.**
Multi sensor data fusion based approach for the calibration of airdata systems, pp 113-122.
- MANDANIS, G., GUILLAUME, M., GEHRI, A., STEPHANI, P. and VOS, J.B.**
F/A-18 vertical tail buffeting calculation using unsteady fluid structure interaction, pp 285-294.
- MANESCHIJN, A., JONES, T. and VON BACKSTROM, T.W.**
An operability framework for unmanned aircraft systems, pp 361-376.
- MARCH, A., WILLCOX, K. and WANG, Q.**
Gradient-based multifidelity optimisation for aircraft design using bayesian model calibration, pp 729.
- MARES, C., SAEED, B. and GRATTON, G.**
A feasibility assessment of annular winged VTOL flight vehicles, pp 683-692.
- MASUD, J.**
Flow field and performance analysis of an integrated diverterless supersonic inlet, pp 471-480.
- MATIDA, E., ILIE, M. and NITZSCHE, F.**
Parametric studies of aerofoil-vortex interaction; a numerical approach using LES, pp 703-711.
- MCNAMARA, J.J., NG, W.H., FRIEDMANN, P.P. and WAAS, A.M.**
Thermomechanical behaviour of a damaged thermal protection system: experimental correlation and influence of hypersonic flow, pp 69-82.
- MIDGLEY, R., BLAKEY, S., WILSON, C.W. and FARMERY, M.**
Fuel effects on range versus payload for modern jet aircraft, pp 627-634.

- MISTRY, S., MOFAKHAMI, M.R. and PINSONNAULT, J.**
Evolution of the fuselage design process: an insight into the potential of structural health monitoring technologies, pp 749-759.
- MOFAKHAMI, M.R., PINSONNAULT, J. and MISTRY, S.**
Evolution of the fuselage design process: an insight into the potential of structural health monitoring technologies, pp 749-759.
- MONCAYO, H., PERHINSCHI, M.G. and DAVIS, J.**
Aircraft failure detection and identification over an extended flight envelope using an artificial immune system, pp 43-55.
- MULDER, M., HEILIGERS, M.M., VAN BENNEKOM, K.T.P., VAN TUINEN, T.J. and VAN HOLTEN, TH.**
Pilot task demand load during RNAV approaches with a Cessna Citation, pp 421-439.
- NEWLAND, R.J., LEWIS, H.G., and SWINERD, G.G.**
The space debris environment: future evolution, pp 241-247.
- NG, W.H., FRIEDMANN, P.P., WAAS, A.M. and MCNAMARA, J.J.**
Thermomechanical behaviour of a damaged thermal protection system: experimental correlation and influence of hypersonic flow, pp 69-82.
- NITZSCHE, F., MATIDA, E. and ILIE, M.**
Parametric studies of aerofoil-vortex interaction; a numerical approach using LES, pp 703-711.
- NUNES, C.Z., FRANCO, N., GAMBOA, P.V. and SILVA, J.M.**
Damage tolerant cork based composites for aerospace applications, pp 567-575.
- OGAJI, S., PILIDIS, P. and CAMILLERI, R.**
Applying heat pipes to a novel concept aero engine Part 1 — Design of a heat-pipe heat exchanger for an intercooled aero engine, pp 393-402.
- OGAJI, S., PILIDIS, P. and CAMILLERI, R.**
Applying heat pipes to a novel concept aero engine Part 2 — Design of a heat-pipe heat exchanger for an intercooled-recuperated aero engine, pp 403-410.
- OLIVER, M., CLIMENT, H., PEREZ, J.L. and BENITEZ, L.H.**
Survey of aircraft structural dynamics non-linear problems and some recent solutions, pp 653-668.
- OULDALI, A., MADANI, T., BENALLEGUE, A. and DERAFA, L.**
Non-linear control algorithm for the four rotors UAV attitude tracking problem, pp 175-185.
- PADFIELD, G.D.**
The tau of flight control, pp 521-556.
- PADFIELD, G.D., WHITE, M. and PERFECT, P. and LU, L.**
Fidelity enhancement of a rotorcraft simulation model through system identification, pp 453-470.
- PARRAS, L., FERNANDEZ-FERIA, R., DEL PINO, C. and LOPEZ-ALONSO, J.M.**
Dynamics of the wing-tip vortex in the near field of a NACA 0012 aerofoil, pp 229-239.
- PEREZ, J.L., BENITEZ, L.H., OLIVER, M. and CLIMENT, H.**
Survey of aircraft structural dynamics non-linear problems and some recent solutions, pp 653-668.
- PERFECT, P., LU, L., PADFIELD, G.D. and WHITE, M.**
Fidelity enhancement of a rotorcraft simulation model through system identification, pp 453-470.
- PERHINSCHI, M.G., DAVIS, J. and MONCAYO, H.**
Aircraft failure detection and identification over an extended flight envelope using an artificial immune system, pp 43-55.
- PHILLIPS, C., KIM, H.W. and BROWN, R.E.**
Helicopter brownout — Can it be modelled?, pp 123-133.
- PILIDIS, P., CAMILLERI, R. and OGAJI, S.**
Applying heat pipes to a novel concept aero engine Part 1 — Design of a heat-pipe heat exchanger for an intercooled aero engine, pp 393-402.
- PILIDIS, P., CAMILLERI, R. and OGAJI, S.**
Applying heat pipes to a novel concept aero engine Part 2 — Design of a heat-pipe heat exchanger for an intercooled-recuperated aero engine, pp 403-410.
- PINSONNAULT, J., MISTRY, S. and MOFAKHAMI, M.R.**
Evolution of the fuselage design process: an insight into the potential of structural health monitoring technologies, pp 749-759.
- POIREL, D., POTVIN, M.-J. and ANIA, A.**
Kinematic and aerodynamic characterisation of the RotaFlap — a novel flapping wing mechanism, pp 1-13.
- POLL, D.I.A.**
A first order method for the determination of the leading mass characteristics of civil transport aircraft, pp 257-272.
- POLL, D.I.A.**
On the effect of stage length on the efficiency of air transport, pp 273-283.
- POTVIN, M.-J., ANIA, A. and POIREL, D.**
Kinematic and aerodynamic characterisation of the RotaFlap — a novel flapping wing mechanism, pp 1-13.
- QIN, J., ZHOU, W.X. and BAO, W.**
Heat transfer characteristic modelling and the effect of operating conditions on re-cooled cycle for a scramjet, pp 83-90.
- QIN, N. and AHMED, M.Y.M.**
Numerical investigation of aeroheating characteristics of spiked blunt bodies at Mach six flight conditions, pp 377-386.
- QUERIN, O.M., HANNON, C. and TOROPOV, V.V.**
A neuro-fuzzy approach to the weight estimation of aircraft structures, pp 739-748.
- RAFFEL, M., DE GREGORIO, F., SHENG, W., GIBERTINI, G., SERAUDIE, A., DE GROOT, K. and SCHNEIDER, O.**
On the generation of a helicopter aerodynamic database, pp 103-112.
- RASUO, B.**
The influence of Reynolds and Mach numbers on two-dimensional wind-tunnel testing: An experience, pp 249-254.
- RATCLIFFE, N.M. and HARRIS, A.P.**
Dimensional modelling of the fuel outgassing phenomenon: Improving flammability assessment of aircraft fuel tanks, pp 605-614.
- RENDALL, T.C.S., and ALLEN, C.B.**
Aerodynamic shape optimisation of hovering rotors using compressible CFD, pp 513-519.
- SADDINGTON, A.J., KHANAL, B. and KNOWLES, K.**
Computational study of flowfield characteristics in cavities with stores, pp 669-681.
- SAEED, B., GRATTON, G. and MARES, C.**
A feasibility assessment of annular winged VTOL flight vehicles, pp 683-692.
- SAUSSIE, D., BERARD, C., AKHRIF, O. and SAYDY, L.**
Robust scheduled control of longitudinal flight with handling quality satisfaction, pp 163-174.
- SAYDY, L., SAUSSIE, D., BERARD, C., and AKHRIF, O.**
Robust scheduled control of longitudinal flight with handling quality satisfaction, pp 163-174.

- SCANLAN, J.P., TAKEDA, K., BOLINCHES, M., KEANE, A.J. and FORRESTER, A.I.J.**
Design, analysis and experimental validation of a morphing UAV wing, pp 761-765.
- SCHMITT, D., DONNERHACK, S. and SEITZ, A.**
Emission comparison of turbofan and open rotor engines under special consideration of aircraft and mission design aspects, pp 351-360.
- SCHNEIDER, O., RAFFEL, M., DE GREGORIO, F., SHENG, W., GIBERTINI, G., SERAUDIE, A. and DE GROOT, K.**
On the generation of a helicopter aerodynamic database, pp 103-112.
- SCHONHALS, S., STEEN, M. and HECKER, P.**
Wake vortex prediction and detection utilising advanced fusion filter technologies, pp 221-228.
- SEITZ, A., SCHMITT, D. and DONNERHACK, S.**
Emission comparison of turbofan and open rotor engines under special consideration of aircraft and mission design aspects, pp 351-360.
- SERAUDIE, A., DE GROOT, K., SCHNEIDER, O., RAFFEL, M., DE GREGORIO, F., SHENG, W. and GIBERTINI, G.**
On the generation of a helicopter aerodynamic database, pp 103-112.
- SHAHPAR, S.**
Challenges to overcome for routine usage of automatic optimisation in the propulsion industry, pp 615-625.
- SHENG, W., GIBERTINI, G., SERAUDIE, A., DE GROOT, K., SCHNEIDER, O., RAFFEL, M. and DE GREGORIO, F.**
On the generation of a helicopter aerodynamic database, pp 103-112.
- SILVA, J.M., NUNES, C.Z., FRANCO, N. and GAMBOA, P.V.**
Damage tolerant cork based composites for aerospace applications, pp 567-575.
- SOMERS, D.M.**
Subsonic aerofoil design 2010, pp 137-146.
- STABELLINI, A., GIBERTINI, G., AUTERI, F., CAMPANARDI, G., MACCHI, C. and ZANOTTI, A.**
Wind-tunnel tests of a tilt-rotor aircraft, pp 315-322.
- STEEN, M., HECKER, P. and SCHONHALS, S.**
Wake vortex prediction and detection utilising advanced fusion filter technologies, pp 221-228.
- STEPHANI, P., VOS, J.B., MANDANIS, G., GUILLAUME, M. and GEHRI, A.**
F/A-18 vertical tail buffeting calculation using unsteady fluid structure interaction, pp 285-294.
- SURYANARAYANA, G.K. and BHOLI, S.R.**
Prediction of total pressure characteristics in the settling chamber of a supersonic blowdown wind tunnel, pp 557-566.
- SWINERD, G.G., NEWLAND, R.J. and LEWIS, H.G.**
The space debris environment: future evolution, pp 241-247.
- TAKEDA, K., BOLINCHES, M., KEANE, A.J., FORRESTER, A.I.J. and SCANLAN, J.P.**
Design, analysis and experimental validation of a morphing UAV wing, pp 761-765.
- THOMPSON, M., WATKINS, S., WHITE, C. and HOLMES, J.**
Span-wise wind fluctuations in open terrain as applicable to small flying craft, pp 693-701.
- THRASH, P. and VELICKI, A.**
Damage arrest design approach using stitched composites, pp 799-805.
- TOROPOV, V.V., QUERIN, O.M. and HANNON, C.**
A neuro-fuzzy approach to the weight estimation of aircraft structures, pp 739.
- TURNER, J.T., WOOD, N.J., ZHANG, S. and JAWORSKI, A.J.**
Investigation of the three-dimensional flow over a 40° swept wing, pp 441-449.
- VALDEZ, M., VANELLA, M., BALARAS, E., BALACHANDRAN, B. and FITZGERALD, T.**
Flexible flapping systems: computational investigations into fluid-structure interactions, pp 593-604.
- VAN BENNEKOM, K.T.P., VAN TUINEN, T.J., VAN HOLTEN, TH., MULDER, M. and HEILIGERS, M.M.**
Pilot task demand load during RNAV approaches with a Cessna Citation, pp 421-439.
- VAN DER WALL, B.G.**
A comprehensive rotary-wing data base for code validation: the HART II international workshop, pp 91-102.
- VAN DER WALL, B.G.**
A comprehensive rotary-wing data base for code validation: the HART II international workshop — *Erratum*, pp 220.
- VAN HOLTEN, TH., MULDER, M., HEILIGERS, M.M., VAN BENNEKOM, K.T.P. and VAN TUINEN, T.J.**
Pilot task demand load during RNAV approaches with a Cessna Citation, pp 421-439.
- VAN TOOREN, M., KASAPOGLOU, C. and BERSEE, H.**
Composite materials, composite structures, composite systems: how to get the best out of composites, pp 779-787.
- VAN TUINEN, T.J., VAN HOLTEN, TH., MULDER, M., HEILIGERS, M.M. and VAN BENNEKOM, K.T.P.**
Pilot task demand load during RNAV approaches with a Cessna Citation, pp 421-439.
- VANELLA, M., BALARAS, E., BALACHANDRAN, B., FITZGERALD, T. and VALDEZ, M.**
Flexible flapping systems: computational investigations into fluid-structure interactions, pp 593-604.
- VELICKI, A. and THRASH, P.**
Damage arrest design approach using stitched composites, pp 789-795.
- VERMA, S.B., ELANGO VAN, S. and ARUN KUMAR, P.**
Study of jets from rectangular nozzles with square grooves, pp 187-196.
- VON BACKSTROM, T.W., MANESCHIJJN, A. and JONES, T.**
An operability framework for unmanned aircraft systems, pp 361-376.
- VOS, J.B., MANDANIS, G., GUILLAUME, M., GEHRI, A. and STEPHANI, P.**
F/A-18 vertical tail buffeting calculation using unsteady fluid structure interaction, pp 285-294.
- WAAS, A.M., MCNAMARA, J.J. NG, W.H. and FRIEDMANN, P.P.**
Thermomechanical behaviour of a damaged thermal protection system: experimental correlation and influence of hypersonic flow, pp 69-82.
- WANG, D.**
Algebraic analysis of stability and bifurcation for nonlinear flight dynamics, pp 345-349.
- WANG, Q., MARCH, A. and WILLCOX, K.**
Gradient-based multifidelity optimisation for aircraft design using bayesian model calibration, pp 729-738.

- WANG, Y., GREEN, R.B. and GILLIES, E.A.**
Trailing-edge flap flow control for dynamic stall, pp 493-503.
- WATKINS, S., WHITE, C., HOLMES, J. and THOMPSON, M.**
Span-wise wind fluctuations in open terrain as applicable to small flying craft, pp 693-701.
- WHITE, C., HOLMES, J., THOMPSON, M. and WATKINS, S.**
Span-wise wind fluctuations in open terrain as applicable to small flying craft, pp 693-701.
- WHITE, M., PERFECT, P., LU, L. and PADFIELD, G.D.**
Fidelity enhancement of a rotorcraft simulation model through system identification, pp 453-470.
- WILLCOX, K., WANG, Q. and MARCH, A.**
Gradient-based multifidelity optimisation for aircraft design using bayesian model calibration, pp 729-738.
- WILSON, C.W., FARMERY, M., MIDGLEY, R. and BLAKEY, S.**
Fuel effects on range versus payload for modern jet aircraft, pp 627-634.
- WOOD, N.J., ZHANG, S., JAWORSKI, A.J. and TURNER, J.T.**
Investigation of the three-dimensional flow over a 40° swept wing, pp 441-449.
- XIAN-ZHONG, G., XIAO-QING, C., ZHONG-XI, H. and JIAN-XIA, L.**
Modification impact on aerodynamic performance of hypersonic waverider, pp 325-334.
- XIAO-QING, C., ZHONG-XI, H., JIAN-XIA, L. and XIAN-ZHONG, G.**
Modification impact on aerodynamic performance of hypersonic waverider, pp 325-334.
- ZANOTTI, A., STABELLINI, A., GIBERTINI, G., AUTERI, F., CAMPANARDI, G. and MACCHI, C.**
Wind-tunnel tests of a tilt-rotor aircraft, pp 315-322.
- ZHANG, S., JAWORSKI, A.J., TURNER, J.T. and WOOD, N.J.**
Investigation of the three-dimensional flow over a 40° swept wing, pp 441-449.
- ZHONG-XI, H., JIAN-XIA, L., XIAN-ZHONG, G. and XIAO-QING, C.**
Modification impact on aerodynamic performance of hypersonic waverider, pp 325-334.
- ZHOU, W.X., BAO, W. and QIN, J.**
Heat transfer characteristic modelling and the effect of operating conditions on re-cooled cycle for a scramjet, pp 83-90.

Volume CXV

Number 1163	January	pp 1-66
Number 1164	February	pp 69-133
Number 1165	March	pp 137-198
Number 1166	April	pp 201-254
Number 1167	May	pp 257-322
Number 1168	June	pp 325-390
Number 1169	July	pp 393-450
Number 1170	August	pp 453-518
Number 1171	September	pp 521-591
Number 1172	October	pp 593-650
Number 1173	November	pp 653-711
Number 1174	December	pp 713-805