











- Notes in Electrical Engineering*, Vol. 290, 2014, pp. 17-33.
- [12] J.D. Boskovic, Z. Sun, Y.D. Song, An Adaptive Reconfigurable Formation Flight Control Design, *Proc. American Control Conference*, Ohio, USA, 2003, pp. 284-289.
- [13] N. Leonard, E. Fiorelli, Virtual Leaders, Artificial Potentials and Coordinated Control of Groups, In: *Proceedings of the 40th IEEE Conference on Decision and Control*, Vol. 3, Orlando, USA, 2001, pp. 2968-2973.
- [14] A. Geser, C. Muñoz: A Geometric Approach to Strategic Conflict Detection and Resolution, In: *Proceedings of the 21st Digital Avionics Systems Conference*, Vol. 1, Irvine, CA, USA, 2002, pp. 6B1-1-6B1-11.
- [15] D.R. Gingras, J.L. Player, and W.B. Blake, Static and Dynamic Wind Tunnel Testing of Airvehicles in Close Proximity, 2001, AIAA Paper 2001-4137.
- [16] L. Setlak, R. Kowalik, S. Bodzon, The Study of Air Flows for an Electric Motor with a Nozzle for an Unmanned Flying Platform, *WSEAS Transactions on Fluid Mechanics*, Vol. 14, 2019, pp. 21-35.
- [17] R. Xue, G. Cai, Formation Flight Control of Multi-UAV System with Communication Constraints. *Journal of Aerospace Technology and Management*, Vol. 8, No. 2, 2016, pp. 203-210.
- [18] F. Borrelli, D. Subramanian, A. Raghunathan, L. Biegler, MILP and NLP Techniques for Centralized Trajectory Planning of Multiple Unmanned Air Vehicles, In: *Proceedings American Control Conference*, Minneapolis, USA, 2006, pp. 5763-5768.
- [19] N.B. Knoebel, S.R. Osborne, J.S. Matthews, A.M. Eldredge, R.W. Beard, Computationally Simple Model Reference Adaptive Control for Miniature Air Vehicles, *Proc. American Control Conference*, Minneapolis, Minnesota, USA, 2006, pp. 5978-5983.
- [20] D. P. Scharaf, F. Y. Hadaeg, S. R. Ploen, A Survey of Spacecraft Formation Flying Guidance and Control (Part II), *Control, Proc. American Control Conference*, Boston 2004.
- [21] L. Setlak, R. Kowalik, Examination of Multi-Pulse Rectifiers of PES Systems Used on Airplanes Compliant with the Concept of Electrified Aircraft, *Applied Sciences (Switzerland)*, Vol. 9, No. 8, 2019/1, E-ISSN:2076-3417.
- [22] S. Iglesias, W.H. Mason, Optimum Span Loads in Formation Flight, 2002, AIAA Paper 2002-0258.
- [23] V. I. Chepizhenko, Synthesis of Artificial Gravitational Fields Virtual Meters for the Poly-Conflicts Resolution in the Aeronavigation Environment, *Proceedings of the National Aviation University*, Vol. 2, 2012, pp. 60-69.
- [24] S.V. Pavlova, V.V. Pavlov, V.I. Chepizhenko, Virtual Einstein Force Fields in Synergy of Navigation Environment of Difficult Ergatic Systems, *Proceedings of the National Aviation University*, Vol. 3, 2012, pp. 15-27.
- [25] J. K. Kuchar & L. C. Yang, A Review of Conflict Detection and Resolution Modeling Methods, *IEEE Transactions on Intelligent Transportation Systems*, Vol. 1, No. 4, 2000, pp. 179-189.
- [26] C. J. Schumacher, S. N. Singh, Nonlinear Control of Multiple UAVs in Close-Coupled Formation Flight, AIAA paper, 2000.
- [27] M. Kondratiuk, The Simulation Research on Aerodynamic Characteristics of the Micro Delta Wing UAV with Mechanical Barriers Located Near Edges of Attack (in Polish), *Acta Mech. Automatica*, Vol. 4, 2010, pp. 54-59.
- [28] L. Ambroziak, Z. Gosiewski, M. Kondratiuk, Aerodynamics Characteristics Identification of Micro Air Vehicle (in Polish), *Trans. Institute Aviation*, Vol. 216, 2011, pp. 17-29.
- [29] B. Li, X.H. Liao, Z. Sun, Y. Li, Y.D. Song, Robust Autopilot for Close Formation Flight of Multi-UAVs, System Theory, *Proc. 38th Southeastern Symposium*, Cooke-ville 2006, pp. 258-262.
- [30] L. Setlak, R. Kowalik, The Effectiveness of On-board Aircraft Power Sources in Line with the Trend of a More Electric Aircraft, *IEEE Xplore*, 28 June 2018.
- [31] A. Mystkowski, Robust Control of Micro UAV Dynamics with an Autopilot, *J. Theor. Appl. Mech.*, Vol. 51, 2013, pp. 751-761.
- [32] L. Setlak, R. Kowalik, Evaluation of the VSC-HVDC System Performance in Accordance with the More Electric Aircraft Concept, *IEEE Xplore*, 28 June 2018.