Backstepping-Based Impact Time Control Guidance Lav Field-of-View

IEEE Transactions on Aerospace and Electronic Systems 55, 82-94

DOI: 10.1109/taes.2018.2848319

Citation Report

#	Article	IF	CITATIONS
1	Look-Angle-Shaping Guidance Law for Impact Angle and Time Control With Field-of-View Constraint. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 1602-1612.	2.6	45
2	Entry Guidance With Terminal Time Control Based on Quasi-Equilibrium Glide Condition. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 887-896.	2.6	19
3	Two-phase guidance law for impact time control under physical constraints. Chinese Journal of Aeronautics, 2020, 33, 2946-2958.	2.8	11
4	Leader-following cooperative guidance law with specified impact time. Science China Technological Sciences, 2020, 63, 2349-2356.	2.0	17
5	A Guidance Strategy for Strapdown Seeker considering Minimum Field-of-View Angle Constraint. International Journal of Aerospace Engineering, 2020, 2020, 1-11.	0.5	0
6	Impact-Time-Control Guidance Strategy with a Composite Structure Considering the Seeker's Field-of-View Constraint. Journal of Guidance, Control, and Dynamics, 2020, 43, 1566-1574.	1.6	29
7	Field-of-View Constrained Guidance Law for a Maneuvering Target With Impact Angle Control. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 4974-4983.	2.6	20
8	Integrated Guidance and Control Using Model Predictive Control with Flight Path Angle Prediction against Pull-Up Maneuvering Target. Sensors, 2020, 20, 3143.	2.1	7
9	A New Optimal Guidance Law with Impact Time and Angle Constraints Based on Sequential Convex Programming. Mathematical Problems in Engineering, 2021, 2021, 1-15.	0.6	2
10	Three-Dimensional Fixed-Time Cooperative Guidance Law With Impact Angle Constraint and Prespecified Impact Time. IEEE Access, 2021, 9, 29755-29763.	2.6	19
11	Review of advanced guidance and control algorithms for space/aerospace vehicles. Progress in Aerospace Sciences, 2021, 122, 100696.	6.3	80
12	Adjustable impact-time-control guidance law against non-maneuvering target under limited field of view. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2022, 236, 368-378.	0.7	5
13	Fully Distributed Time-Varying Formation Control for Multiple Uncertain Missiles. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 1646-1656.	2.6	10
14	Field-of-view limited guidance with impact angle constraint and feasibility analysis. Aerospace Science and Technology, 2021, 114, 106753.	2.5	14
15	Field-of-View Constrained Impact Time Control Guidance via Time-Varying Sliding Mode Control. Aerospace, 2021, 8, 251.	1.1	8
16	Distributed observer-based cooperative guidance with appointed impact time and collision avoidance. Journal of the Franklin Institute, 2021, 358, 6976-6993.	1.9	18
17	Look-Angle-Constrained Control of Arrival Time with Exact Knowledge of Time-to-Go. Journal of Guidance, Control, and Dynamics, 2021, 44, 1902-1908.	1.6	8
18	Three-dimensional consensus algorithm for nonsingular distributed cooperative guidance strategy. Aerospace Science and Technology, 2021, 118, 106958.	2.5	23

#	ARTICLE	IF	CITATIONS
19	Field-of-View Constrained Impact Time Guidance Against Stationary Targets. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 3296-3306.	2.6	20
20	Three-Dimensional Nonsingular Impact Time Guidance With Limited Field-of-View. IEEE Transactions on Control Systems Technology, 2022, 30, 1448-1459.	3.2	10
21	Composite Guidance for Impact Time Control Under Physical Constraints. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 1096-1108.	2.6	5
22	Field-of-View Constrained Cooperative Guidance Law for Simultaneous Attack with Multiple Missiles. , 2019, , .		2
23	Learning prediction-correction guidance for impact time control. Aerospace Science and Technology, 2021, 119, 107187.	2.5	14
24	New Look-Angle Tracking Guidance Strategy for Impact Time and Angle Control. Journal of Guidance, Control, and Dynamics, 2022, 45, 545-557.	1.6	17
25	Nonlinear Impact Time Guidance with Constrained Field-of-View., 2020,,.		2
26	Field-of-View Constrained Hybrid Guidance Law against Moving Targets in Crosswind. , 2020, , .		0
27	Three-dimensional Look Angle Rate Constrained Guidance for Strapdown Imaging Seeker Equipped Missiles. International Journal of Control, Automation and Systems, 2022, 20, 160-174.	1.6	1
28	Virtual target approach-based optimal guidance law with both impact time and terminal angle constraints. Nonlinear Dynamics, 2022, 107, 3521-3541.	2.7	6
29	Three-dimensional cooperative guidance law to control impact time and angle with fixed-time convergence. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2022, 236, 1647-1666.	0.7	4
30	Cooperative Circular Guidance with Nonuniform Field-of-View Constraints. Journal of Guidance, Control, and Dynamics, 2022, 45, 1435-1450.	1.6	7
31	Three-dimensional field of view and impact angle constrained guidance with terminal speed maximization. Aerospace Science and Technology, 2022, 126, 107552.	2.5	8
32	Consensus-Based Finite-Time Cooperative Guidance with Field-of-View Constraint. International Journal of Aeronautical and Space Sciences, 2022, 23, 966-979.	1.0	3
33	Deep Reinforcement Learning-Based Impact Time Control Guidance Law with Constraints on the Field-of-View. Aerospace Science and Technology, 2022, , 107765.	2.5	8
34	Adaptive improved super-twisting integral sliding mode guidance law against maneuvering target with terminal angle constraint. Aerospace Science and Technology, 2022, 129, 107820.	2.5	8
35	Impact Time and Angle Control Optimal Guidance with Field-of-View Constraint. Journal of Guidance, Control, and Dynamics, 2022, 45, 2369-2378.	1.6	8
36	Varying-Gain Proportional Navigation Guidance for Precise Impact Time Control. Journal of Guidance, Control, and Dynamics, 2023, 46, 535-552.	1.6	10

3

#	Article	IF	CITATIONS
37	Robust Leader–Follower Cooperative Guidance Under False-Data Injection Attacks. IEEE Transactions on Aerospace and Electronic Systems, 2023, 59, 4511-4524.	2.6	1
38	Guidance Law Design for Varying-Speed Missile Based on Classic Differential Geometric Principle. Lecture Notes in Electrical Engineering, 2023, , 4568-4579.	0.3	O
39	A generalized three-dimensional cooperative guidance law for various communication topologies with field-of-view constraint. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2023, 237, 2353-2369.	0.7	2
40	Lyapunov-Based Impact Time Control Guidance Law with Performance Prediction. Aerospace, 2023, 10, 308.	1.1	O
41	Cooperative Circular Guidance of Multiple Missiles: A Practical Prescribed-Time Consensus Approach. Journal of Guidance, Control, and Dynamics, 2023, 46, 1799-1813.	1.6	0
42	Polynomial Shaping-based Field-of-View Constrained Impact Time Guidance against Non-maneuvering Targets. IFAC-PapersOnLine, 2022, 55, 406-411.	0.5	O
43	Barrier Lyapunov Function based Impact Time Guidance with Field-of-View and Input Constraints. IFAC-PapersOnLine, 2022, 55, 412-417.	0.5	1
46	New Impact-Time-Control Guidance Law for Maneuvering Targets with Field-of-View Constraint. , 2023, , .		O
47	Finite Time Cooperative Guidance for Multiple Missiles Against Maneuvering Targets with Field-of-View Constraints., 2023,,.		0
48	Review of Advanced Guidance and Control Methods. Springer Aerospace Technology, 2023, , 167-206.	0.2	O