

Cooperative Missile Guidance for Active Defense of Air

IEEE Transactions on Aerospace and Electronic Systems
54, 706-721

DOI: [10.1109/taes.2017.2764269](https://doi.org/10.1109/taes.2017.2764269)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Coverage-based three-dimensional cooperative guidance strategy against highly maneuvering target. Aerospace Science and Technology, 2019, 85, 556-566.	2.5	24
2	Adaptive Estimation and Cooperative Guidance for Active Aircraft Defense in Stochastic Scenario. Sensors, 2019, 19, 979.	2.1	5
3	An Integral Evasion and Pursuit Guidance Strategy for an Unpowered Air-to-Ground Vehicle in Descending Phase. , 2019, , .		1
4	Research on guidance method based on angle description. , 2019, , .		0
5	Predictive Guidance Strategies for Active Aircraft Defense. , 2019, , .		5
6	Guidance strategies for interceptor against active defense spacecraft in two-on-two engagement. Aerospace Science and Technology, 2020, 96, 105529.	2.5	27
7	An Introduction to Pursuit-evasion Differential Games. , 2020, , .		77
8	A two-side cooperative interception guidance law for active air defense with a relative time-to-go deviation. Aerospace Science and Technology, 2020, 100, 105787.	2.5	13
9	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
10	Optimal guidance against active defense ballistic missiles via differential game strategies. Chinese Journal of Aeronautics, 2020, 33, 978-989.	2.8	25
11	Protecting an Autonomous Delivery Agent Against a Vision-Guided Adversary: Algorithms and Experimental Results. IEEE Transactions on Industrial Informatics, 2020, 16, 5667-5679.	7.2	10
12	Fixed-time cooperative guidance law with input delay for simultaneous arrival. International Journal of Control, 2021, 94, 1664-1673.	1.2	26
13	A Combined Linear-Quadratic/Bounded Control Differential Game Guidance Law. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 3452-3462.	2.6	6
14	Path Following Control Design for a Gliding Missile. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 485-495.	2.6	3
15	Cooperative Active Aircraft Protection Guidance Using Line-of-Sight Approach. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 957-967.	2.6	23
16	Fully Distributed Time-Varying Formation Control for Multiple Uncertain Missiles. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 1646-1656.	2.6	10
17	Study of Multiple Target Defense Differential Games Using Receding Horizon-Based Switching Strategies. IEEE Transactions on Control Systems Technology, 2022, 30, 1403-1419.	3.2	2
18	Cooperative guidance strategy with a leader-follower structure. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Cooperative differential games guidance laws for multiple attackers against an active defense target. Chinese Journal of Aeronautics, 2022, 35, 374-389.	2.8	10
20	Recent progress on the study of multi-vehicle coordination in cooperative attack and defense: An overview. Asian Journal of Control, 2022, 24, 794-809.	1.9	13
21	Smart guided missile using accelerometer and gyroscope based on backpropagation neural network method for optimal control output feedback. Journal of Mechatronics, Electrical Power, and Vehicular Technology, 2020, 11, 55-63.	0.2	0
22	Experimental Study on Biohazard Missile Detection and Automatic Destroy System. Bioscience Biotechnology Research Communications, 2020, 13, 338-343.	0.1	0
23	Reach-avoid games with two heterogeneous defenders and one attacker. IET Control Theory and Applications, 2022, 16, 301-317.	1.2	3
24	Task coupling based layered cooperative guidance: Theories and applications. Control Engineering Practice, 2022, 121, 105050.	3.2	8
25	A dynamic extremum seeking scheme for three-player attack-defense with unknown gradient. Journal of the Franklin Institute, 2022, 359, 1457-1482.	1.9	0
26	Game Theory in Defence Applications: A Review. Sensors, 2022, 22, 1032.	2.1	19
27	Dynamic Resource Allocation With Decentralized Multi-Task Assignment Approach for Perimeter Defense Problem. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 3313-3325.	2.6	6
28	Optimal Guidance Laws for a Hypersonic Multiplayer Pursuit-Evasion Game Based on a Differential Game Strategy. Aerospace, 2022, 9, 97.	1.1	8
29	Real-time Guidance Strategy for Active Defense Aircraft via Deep Reinforcement Learning. , 2021, , .		2
30	Target Lure Guidance in Active Aircraft Defense. , 2021, , .		0
31	Optimal Cooperative Line-of-Sight Guidance for Defending a Guided Missile. Aerospace, 2022, 9, 232.	1.1	2
32	Distributed robust adaptive formation control of fixed-wing UAVs with unknown uncertainties and disturbances. Aerospace Science and Technology, 2022, 126, 107600.	2.5	15
33	Robust Leaderless Time-Varying Formation Control for Nonlinear Unmanned Aerial Vehicle Swarm System With Communication Delays. IEEE Transactions on Cybernetics, 2023, 53, 5692-5705.	6.2	12
34	Turret-Runner Penetrator Differential Game With Role Selection. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 5687-5702.	2.6	7
35	Cooperative guidance for active defence based on line-of-sight constraint under a low-speed ratio. Aeronautical Journal, 2023, 127, 491-509.	1.1	5
37	Generalized Triangle Guidance for Safeguarding Target Using Barrier Lyapunov Function. Journal of Guidance, Control, and Dynamics, 2022, 45, 2193-2201.	1.6	3

#	ARTICLE	IF	CITATIONS
38	NMPC-Based Cooperative Strategy to Lure Two Attackers Into Collision by Two Targets. , 2023, 7, 496-501.		3
39	Dynamic Task Allocation Algorithm for Moving Targets Interception. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 776-788.	5.9	1
40	Deployment Optimization of Defense Stations in an Attack-Defense Aerial War Game. Applied Sciences (Switzerland), 2022, 12, 10801.	1.3	0
41	Reach-Avoid Games with a Time Limit and Detection Range: A Geometric Approach. Complexity, 2022, 2022, 1-24.	0.9	0
42	A geometric approach to reach-avoid games with time limits. IET Control Theory and Applications, 2023, 17, 192-209.	1.2	3
43	Optimal Cooperative Guidance Strategies for Aircraft Defense with Impact Angle Constraints. Aerospace, 2022, 9, 710.	1.1	1
44	Multiplayer reach-avoid differential games with simple motions: A review. Frontiers in Control Engineering, 0, 3, .	0.4	2
45	Distributed Collaborative Active Defense Guidance for TADs System via NMPC. , 2022, , .		0
46	A Cooperative Guidance Law for Multiple Missiles based on Reinforcement Learning. , 2022, , .		1
47	Impact Time Consensus Cooperative Guidance Against the Maneuvering Target: Theory and Experiment. IEEE Transactions on Aerospace and Electronic Systems, 2023, 59, 4590-4603.	2.6	14
48	Intelligent Game Strategies in Target-Missile-Defender Engagement Using Curriculum-Based Deep Reinforcement Learning. Aerospace, 2023, 10, 133.	1.1	2
49	Online time-varying navigation ratio identification and state estimation of cooperative attack. Aerospace Science and Technology, 2023, 136, 108261.	2.5	1
50	Dynamic Network Analysis of a Target Defense Differential Game With Limited Observations. IEEE Transactions on Control of Network Systems, 2023, 10, 308-320.	2.4	2
51	Parameter Identification of a PN-Guided Incoming Missile Using an Improved Multiple-Model Mechanism. IEEE Transactions on Aerospace and Electronic Systems, 2023, , 1-11.	2.6	0
55	Multi-agent Target Defense Game with Learned Defender to Attacker Assignment. , 2023, , .		0
57	A survey of the pursuit-avoidance problem in swarm intelligence. Frontiers of Information Technology and Electronic Engineering, 2023, 24, 1093-1116.	1.5	2