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智能火-飞-推综合控制系统的知识元

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ELEMENTARY KNOWLEDGE OF INTELLIGENT FIRING FLIGHT ENGINE INTEGRATED CONTROL SYSTEMS

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摘要

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摘要

提出一种进行空战的决策方法,以攻防对策状态空间表达点捕获区、逃逸区及它们的界栅,给出了界栅表达式,讨论了如何利用界栅及相关知识进行空战结局预测、攻防策略的决策,是发展智能火-飞-推综合控制系统的知识元。

关键词: 综合控制 飞行控制 智能控制

Abstract:

An approach to making tactical decision in air combat is presented. The point capture zone, escape zone and their barrier are expressed in game state space and an expression of the barrier is worked out. It is discussed how to use the barrier and relative knowledge to anticipate the ending and make the tactical decision of air combat. The approach is the elementary knowledge to develop the intelligent firing flight engine integrated control system.

Keywords: intergrated control flight control intelligence control

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