

论文

THE OPTIMAL CONTROL OF AGE-DEPENDENT POPULATION DYNAMICS BASED ON PARITY PROGRESSION

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摘要 The optimal control problem for an age-dependent population dynamics based on parity ratio progression is considered. The functional analytic approach of Dubovitskii and Milyutin is adopted in the investigation. Maximum principles for problems with fixed time and free end condition, free final time are developed.

关键词 [Optimal birth number control, age-struct](#)

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Key words [Optimal birth number control](#) [age-structured population](#) [parity ratio progression model](#) [maximum principle](#)

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