

ĐIỀU KHIỂN TỐI ƯU QUÁ TRÌNH GIA NHIỆT- MỘT ĐỐI TƯỢNG CÓ THAM SỐ PHÂN BỐ

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TÓM TẮT:

This paper propose a solution to the optimal control heating process. On the control viewpoint, this process is distributed parameter, which controlled object is described by not only to an ordinary differential equation but also the partial differential equation.

The problem is to find out control signal as power providing furnace $w^*(t)$, in such a way as to minimize the deviation of the temperature distribution from the assigned distribution at a given time.