

## عنوان مقاله:

Fuzzy control of fermentation process

## محل انتشار:

پنجمین کنگره بین المللی مهندسی شیمی (سال: 1386)

تعداد صفحات اصل مقاله: 7

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## خلاصه مقاله:

This study focuses on the fuzzy control of a beer fermentation reactor temperature. Because of some inherent loads in the system, PI control provides fruitless results. Bacteria's activity varies fast with oscillation of temperature, so in order to accurate, better control of this reactor and use of natural language with no need to the exact modeling of .system, fuzzy policy was applied on it. The Mamadani inference system applied to correlate input data to out put data

## کلمات کلیدی:

Fuzzy logic control, Fermentation

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/46195>

