

## عنوان مقاله:

Fuzzy Logic Control of Shrink Phenomenon in Drum Type Boilers

## محل انتشار:

دومین کنگره مشترک سیستمهای فازی و هوشمند ایران (سال: 1387)

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## خلاصه مقاله:

operation of a power plant is negatively affected by sever disturbances. When such disturbances occur, the boiler as a subsystem of the power plantfaces the most difficulties. For overcoming the difficulties rising from natural phenomena such as swell and shrink, regulation of the boiler water leveland boiler pressure is of great necessity. This paper presents a fuzzy logic based method to improve the performance of the boiler during disturbances such as load .rejections. It is shown that in addition to its simplicity, this method results in better performance of the boiler

## کلمات کلیدی:

Boiler control, load rejection, Shrink phenomenon, fuzzy logic

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/203963>

