

عنوان مقاله:

Numerical study of the effects of reactant properties on the performance of a porous burner

محل انتشار:

هفدهمین کنفرانس سالانه مهندسی مکانیک (سال: 1388)

تعداد صفحات اصل مقاله: 7

نویسندگان:

pedram riahi - *graduate student department of mechanical engineering*

mohammad hadi akbari - *assistant professor department of mechanical engineering*

خلاصه مقاله:

The applicability and usefulness of porous burners are of high interest due to their competitive combustion efficiency high power dynamic range and lower pollutant formation in comparison with free flame structures In this work laminar premixed flame propagation of methane / air mixture in a porous medium is numerically investigated

کلمات کلیدی:

.porous burner, thermal performance, inlet temperature, equivalence ratio, firing rate

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/90189>

