

## عنوان مقاله:

.Multi-Dimensional Study of Performance and Pollutants Emissions of Hydrogen Internal Combustion Engines

## محل انتشار:

ششمین همایش موتورهای درونسوز (سال: 1388)

تعداد صفحات اصل مقاله: 7

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## خلاصه مقاله:

In this investigation, an in-house multi-dimensional code has been developed to predict the performance and pollutants emissions of an internal combustion engine (ICE) fueled with hydrogen. A dynamic mesh with using block structural method and with high ability to simulation of stems moving and application of boundary conditions has been generated. A single step hydrogen oxidation rate proposed by Westbrook et al. [26] to form water vapor has been used. The results have been compared with available experimental data. The prepared program has ability for .parametric studies on performance and emissions

## کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/78118>

