

عنوان مقاله:

?Knock Phenomenon in Dual Fuel Engines: Otto Knock or Diesel Knock

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خلاصه مقاله:

Knock phenomenon in dual fuel engines is a complicated and mysterious process. There are previous works in literature which investigate its effects on engine performance and predict its occurrence. It has been suggested that knock in dual fuel engines is composed of both Otto and diesel knock but there is not enough evidence of their contribution in this harmful behavior. The main target of this paper is to present a physical interpretation of knock phenomenon in dual fuel engines and its characteristics according to previously developed models and experimental data.

کلمات کلیدی:

Knock, Combustion, Dual Fuel Engine, Otto Knock, Diesel Knock

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