

## عنوان مقاله:

TWO SIMULATION ALGORITHMS FOR INDUSTRIAL CRACKING FURNACES

## محل انتشار:

نهمین کنگره ملی مهندسی شیمی ایران (سال: 1383)

تعداد صفحات اصل مقاله: 18

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## خلاصه مقاله:

The Pyrolysis of naphtha and other hydro carbons, witch is of primary importance in the manufacture of olefins, is always accompanied by formation of coke. This article suggests two simulation procedures that contain the information about coke formation and ethylene yield as a function of time. One is an old and time consuming but reliable algorithm and the other one is a fast simulation method we compare this two algorithms and discuss about their benefits.

## کلمات کلیدی:

Simulation algorithms, cracking furnace, Coke formation, Ethylene yield

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/29742>

