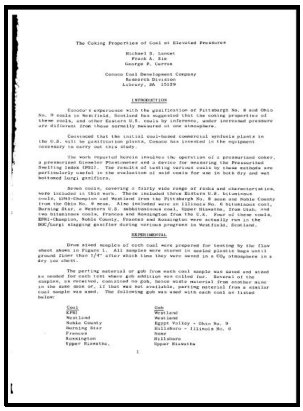
Experimental measurements and mathematical modelling of the flow and combustion parameters in a small stoker coal fired furnace

University of Birmingham - Energy & Fuels



Description: -
-Experimental measurements and mathematical modelling of the flow and combustion parameters in a small stoker coal fired furnace
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Notes: Thesis (Ph.D) - University of Birmingham, Department of Chemical Engineering, Faculty of Engineering.
This edition was published in 1996

Tags: #Application #of #the #Numerical #Techniques #for #Modelling #Fluidization #Process #Within #Industrial #Scale #Boilers

CFD investigation on the flow and combustion in a 300 MWe tangentially fired pulverized

International Communications in Heat and Mass Transfer, 32 10 , 1273-1280.

Experimental investigation and mathematical modelling of wood combustion in a moving grate boiler

The E-A model is widely adopted in much commercial software, like FLUENT, CFX, STAR-CD, etc.

Professor Lin Ma

Pre-conditioning is not needed for low Mach number compressible flows.

CFD investigation on the flow and combustion in a 300 MWe tangentially fired pulverized

The maximum spread diameter and excess rebound energy have been defined and applied to establish the rebound criterion.

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