

## Combustion Gasification Fluidized Beds Basu P

**nitrogen oxides formation in combustion processes** - combustion and fuels fuel nitrogen in liquid fuels crude oil has fuel nitrogen in the range of 0.01 to 0.3% wt. only exceptionally n f content excess 0.9%. **fast pyrolysis and bio-oil upgrading** - fast pyrolysis is rapid thermal decomposition of organic compounds in the absence of oxygen to produce liquids, char, and gas from dry feedstock: