焦爐氣脫硫系統吸收塔之模式建立與模擬

A rigorous mass and heat transfer model with multiple kineticallycontrolled reversible reactions has been developed for theCoke-Oven-Gas H2S absorber. The model does not require the use ofenhancement factor and simplifications. The model is solved usingOrthogonal Collocation method for liquid film concentration andtemperature profiles.