

2. Separation process simulation

OBJECTIVES

Nowadays, process simulation is becoming a basic tool in Chemical Engineering. This strategy reduces the pilot plant experimental work needed to set up a new process and permits a deeper knowledge of the mechanisms that rule developed processes. This group has been and is involved in several projects, being the objective the simulation of key industrial processes. Process simulation is employed in other research lines in order to obtain mathematical models that serve as aid in the development of equipment as well as a tool to discuss the phenomena behind the processes.