Abstract:
The global demand for petroleum products is increasing year by year quantitatively and qualitatively. Besides the clear products supplied by the fractionation of crude oil, there are a number of heavy petroleum products obtained from the secondary treatment, which are not the proper use; they are often used as components of fuel oil. Now, all the refineries are equipped by hydrotreating facilities aimed to transform these fractions heavy in market value of products most important. Consequently, the choice of adequate processes is a major challenge for oil refineries. The objective of this work is to value these heavy cuts by the catalytic cracking process, which is the most suitable method and is the only one existing in Algeria.