

Research on regression problem models and application to solving solvent extraction problems

Nguyen Duy Khuong

Abstract: This topic focuses on researching and analyzing regression models to solve practical problems related to the solvent extraction process. The context of the topic is defined by the need for effective methods in optimizing quality and productivity in extraction technology. The objective of the research is to build and evaluate the feasibility of regression models for application in solving solvent extraction problems. The approach includes both theoretical research on modern regression algorithms combined with experimental implementation on real data. The expected results of the topic will provide a scientific and technological foundation to improve the solvent extraction process, making a significant contribution to the development of the chemical industry.

Keywords: regression, solvent extraction, mathematical model, practical application