

Process Modelling and Optimization (ENCH3PO)



“A pragmatic approach in finding a solution to a rather complex industrial problem”

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Code description

The script titled “MAIN_SCRIPT” is the fundamental code from which all other codes where derived. It can be used to study the ‘breaking points’ for each parametric study conducted.

The parametric study for each variable can be obtained by running its respective script as labelled e.g. “omega_parametric_study” produces a graph showing the trend on how the angular velocity affect the profile of the material inside the tumbling mill.

The “Integrated_code” script is a **SMARTLY** recycled code from which all the parametric study algorithms are embedded. It produces trends for every parametric study including the effect of changing the viscosity below the inflection point.

Kind Regards

Group 5