Highligths of the manuscript: "*Local Sensitivity Analysis of a Supercritical Extraction Model*" by Sliczniuk and Oinas.

* The local sensitivity analysis method was introduced and applied to the case of the supercritical extraction
* The local sensitivity analysis was used to evaluate the influence of the change in operating conditions on the extraction yield
* It was observed that controls affect the system differently depending on the actual operating conditions
* The model is more sensitive to controls close to the critical point when the properties of the fluid vary the most
* The model and the analysis can be applied generally into various modelling cases with experimental verification