

# Optimizing the Electrode Surface Area By Using COMSOL Multiphysics®

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## Abstract

Uranium Electrodeposition simulation was performed along the cathode and anode surface, using COMSOL Multiphysics®. Eutectic salt of LiCl+KCl is used as an electrolyte. The input parameters for simulation were taken from Literature. Morphology and collection efficiency of electrodeposited uranium on solid cathode were found to vary with ratio of cathode to anode surface area.

## Reference

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