

# Report MPS

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## 1 Task

It is necessary to create a system in Engage, conduct process modeling, record the results, and write a report. As a system, take either what was on the online lecture, or any system of your own.

## 2 Target

Learn how to create your own models in Engage and report in TEX format

## 3 Goal achievement

1. We have opened, registered and obtained a license in Engage.
2. We created a model using libraries by taking a step function, addition, integrator, and transfer function.
3. We changed the coefficients of the transfer function from 1 to 5.
4. We changed the step of the power function from 0 to 2.
5. We added connections for the graph (for the power function and output to the working environment).
6. We were able to observe the schedule changes at different time values.
7. Uploaded files and screenshots to GitHub.
8. We created a report in overleaf.

## 4 Literature

The work was carried out in stages according to this online lecture  
<https://rutube.ru/video/041cd45aa3eec15a8241d6065675b6f9/>