

The subject of this work is a simulation of late trains spreading in railway net. This program shows the single simulations and creates their statistics according to different criteria (for example changing waiting periods or changes in crossing of the trains). This work evaluates and compares the results. Next point of this work is an effort to suggest the most appropriate criteria in order to prevent the train lag. Another element of this work includes searching for weak points in grafikon, which includes the trains that are late more frequently than other or do not wait for an arrival of the previous ones on their way because of the great lag.