MOBILITIES, TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT

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Today's topics

Mobilities (German Experience)

Macro-Environment of Mobility



The Meaning of Digital Transformation

Experts identify four types of digital transformation:

- business process,
- business model,
- domain,
- cultural/organizational.



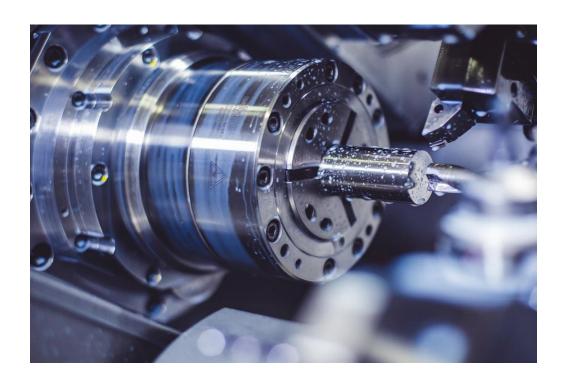




 The collaboration follows the global OEM wave of abandoning the internal combustion engine for savvier alternatives that combine technology and electric options.

CAD-CAE-CAM

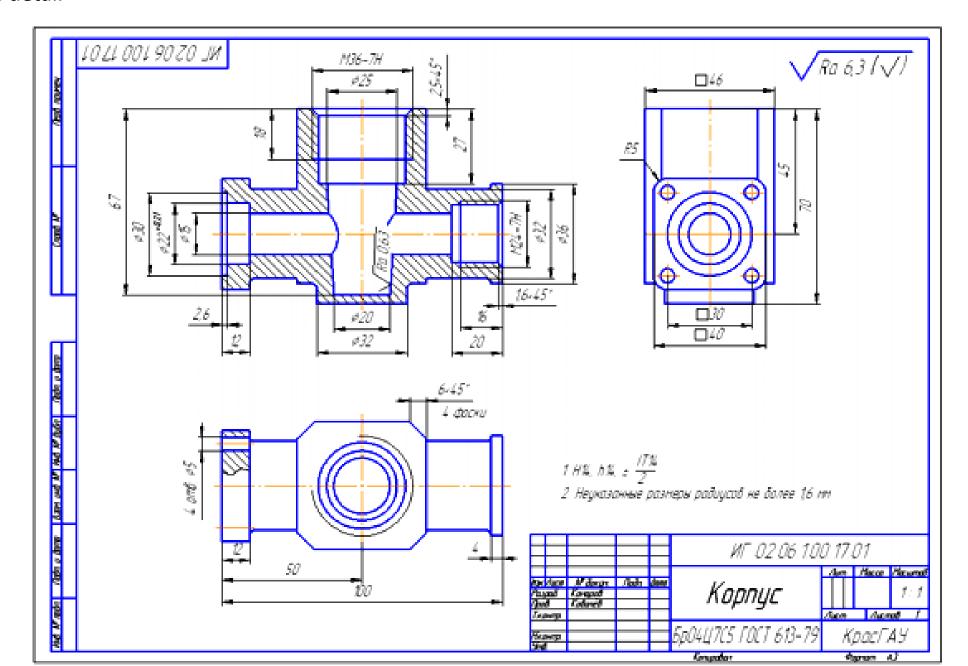
In Germany, globalization in combination with technological development has led to new competition for the established original equipment manufacturers (OEMs).

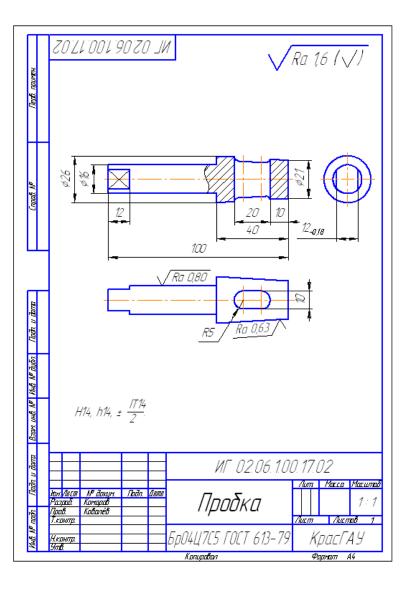


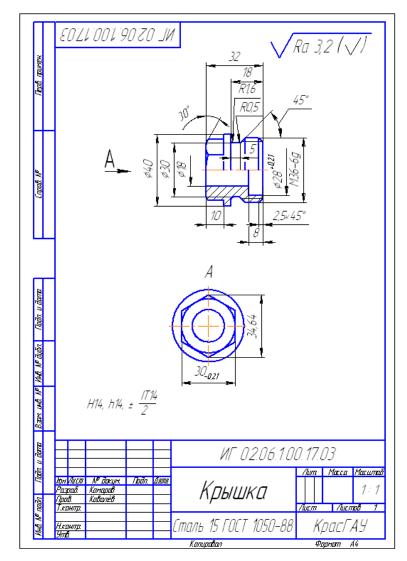
Drawing board (Кульман)

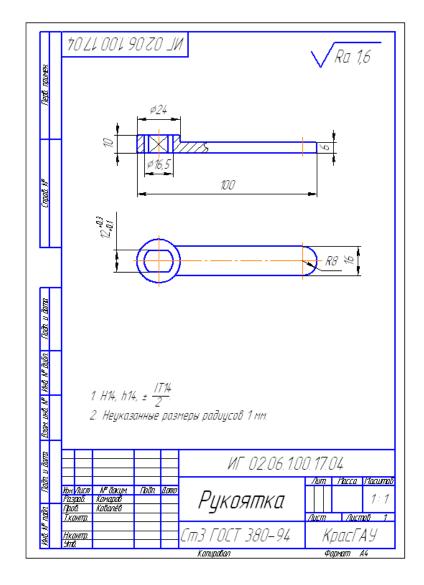


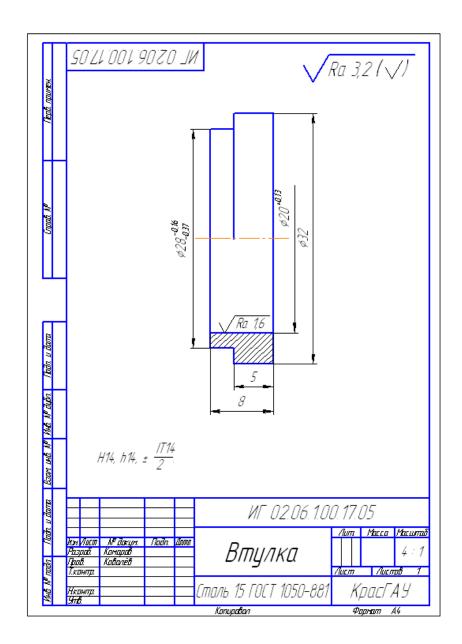


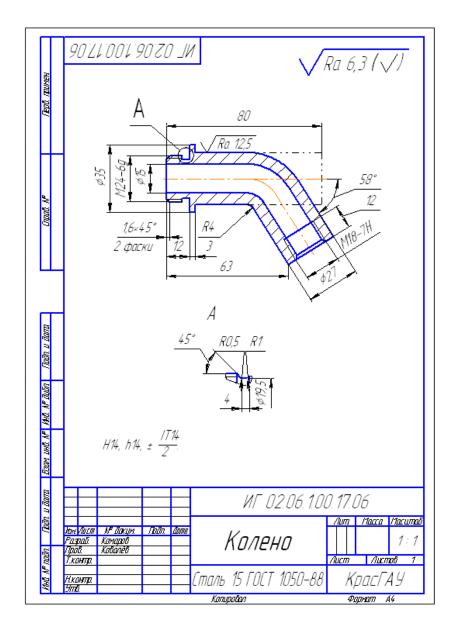




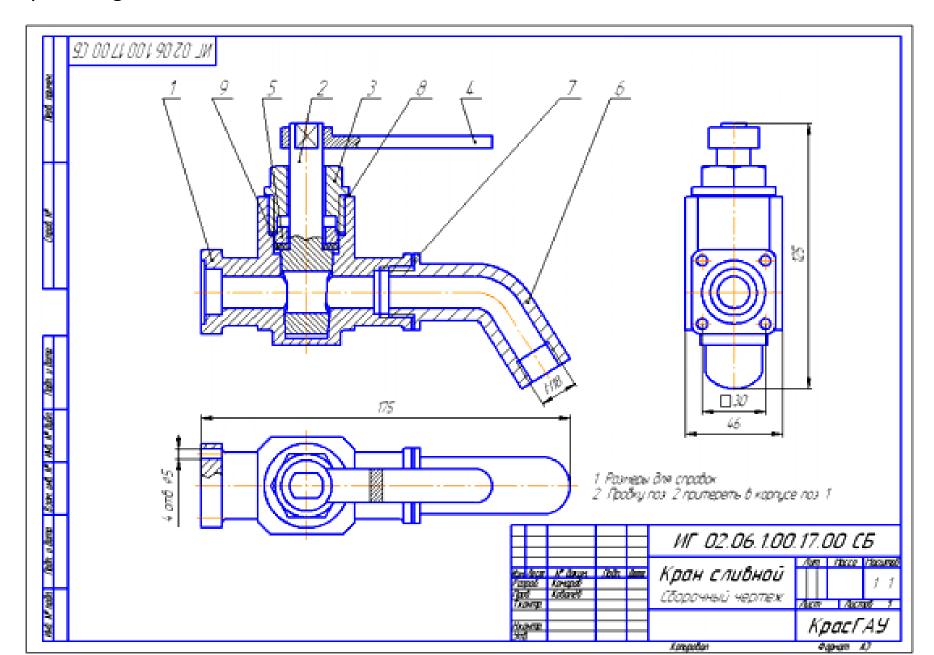




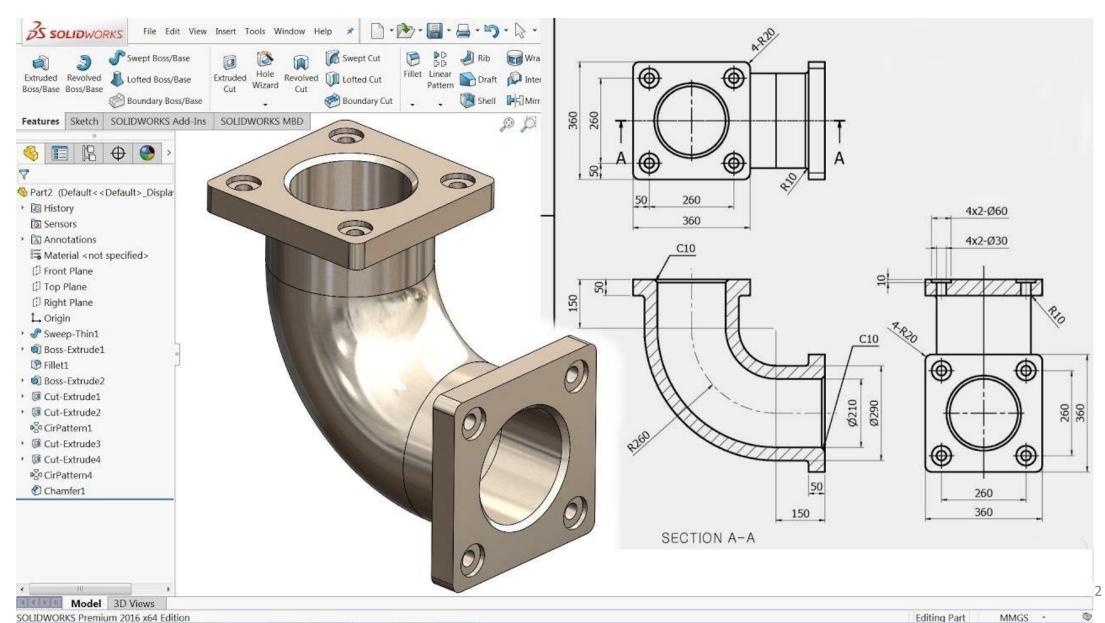


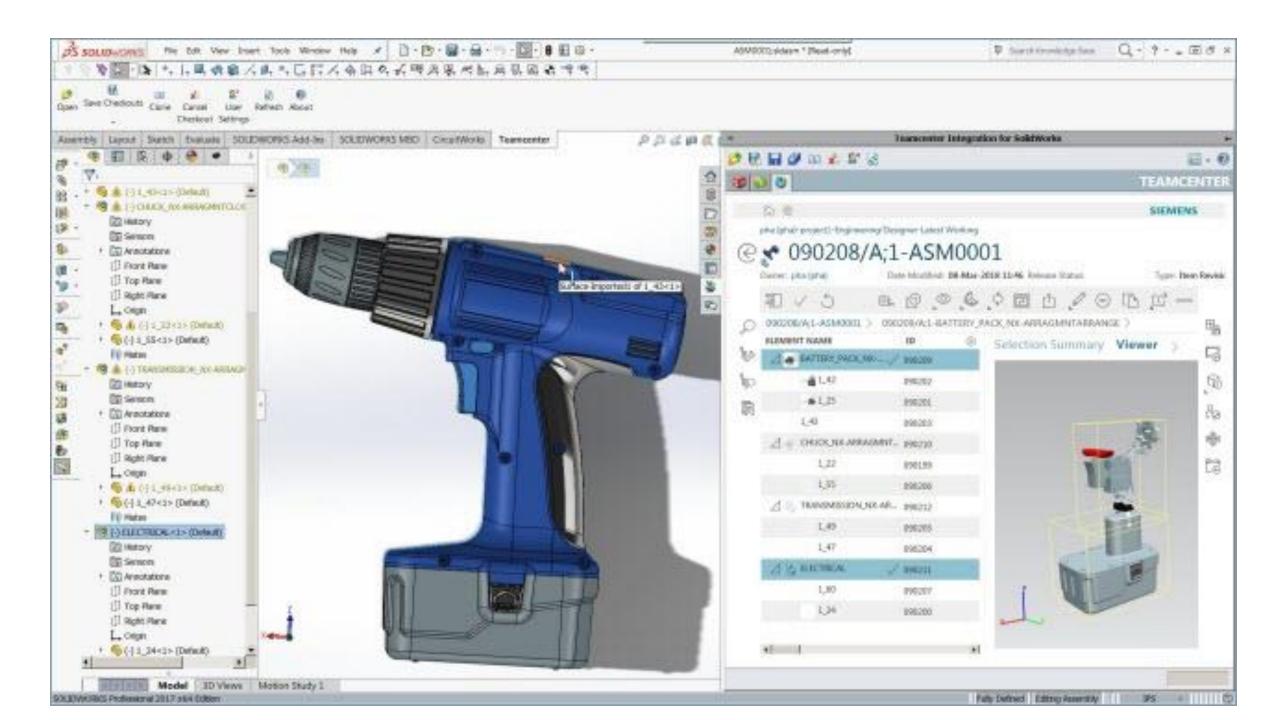


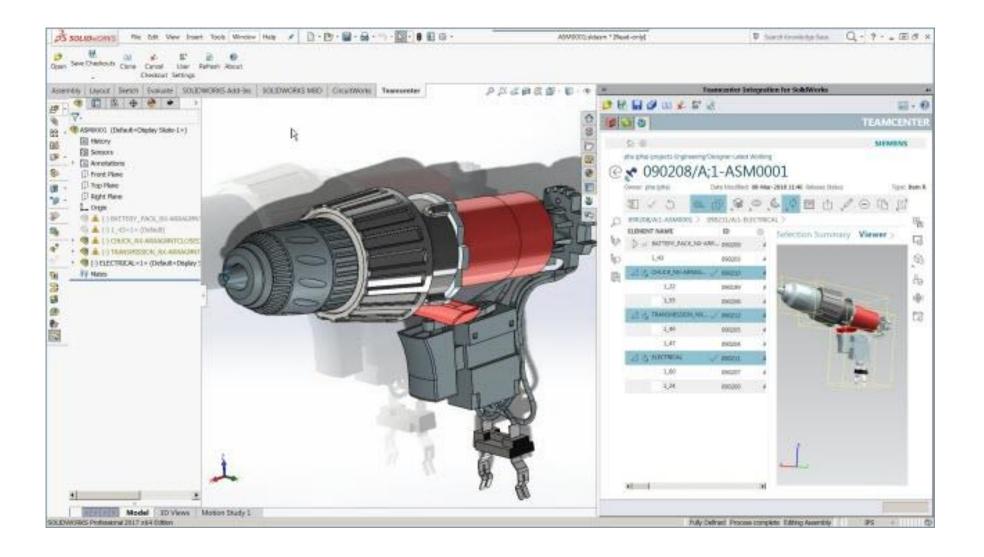
Drain valve assembly drawing

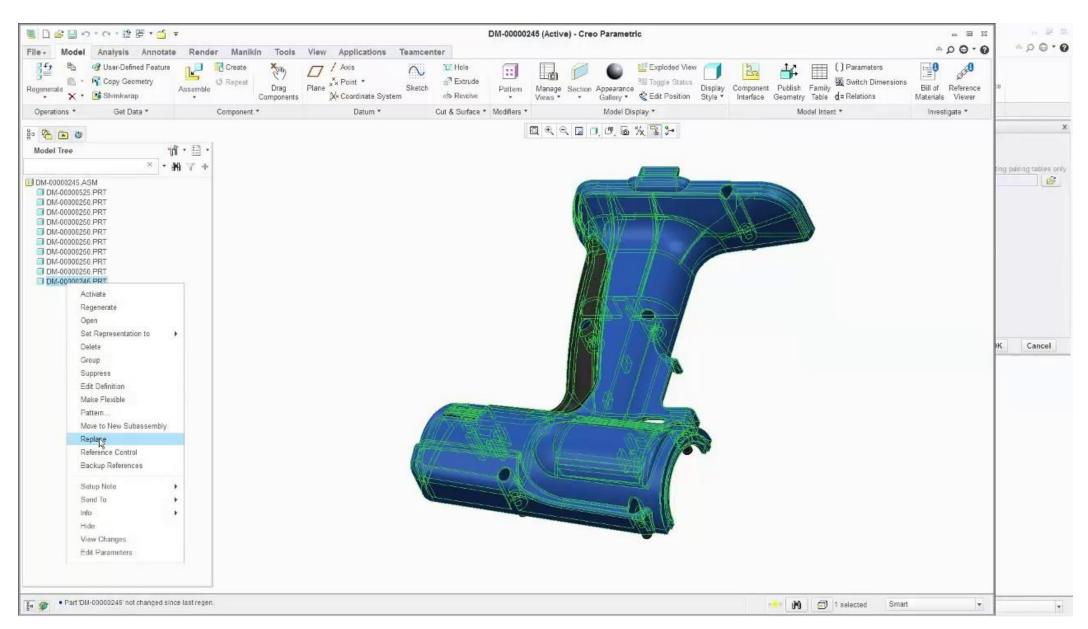


CAD (Computer Aided Design)



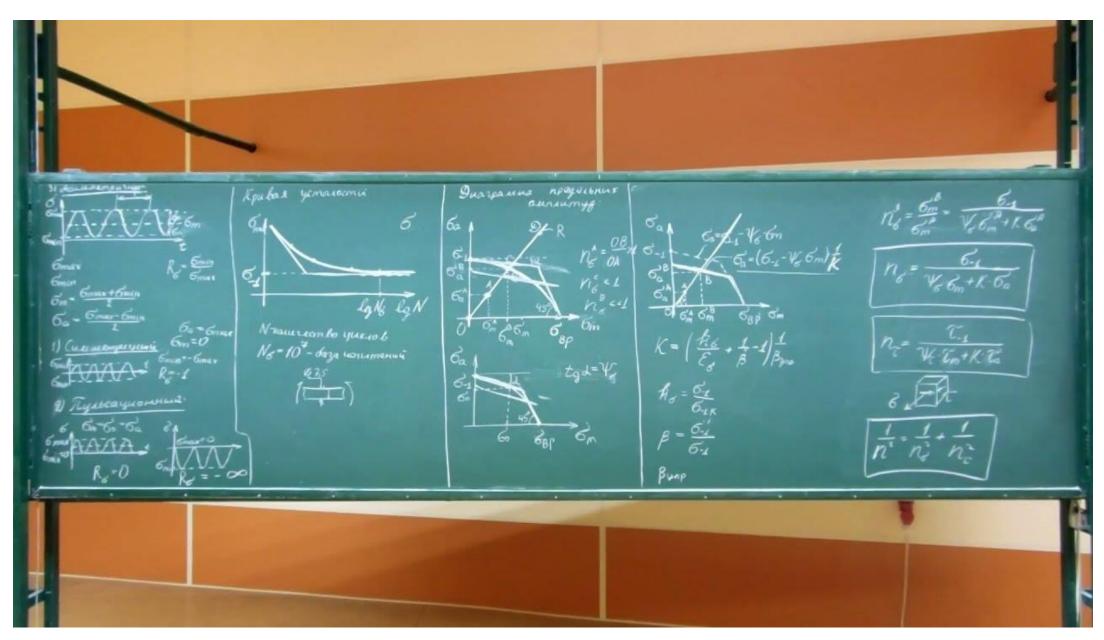




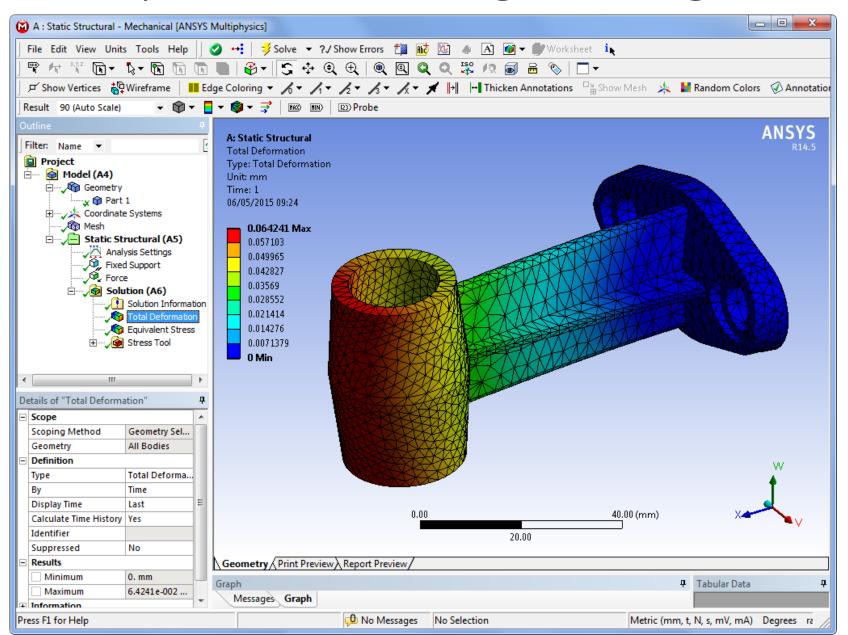


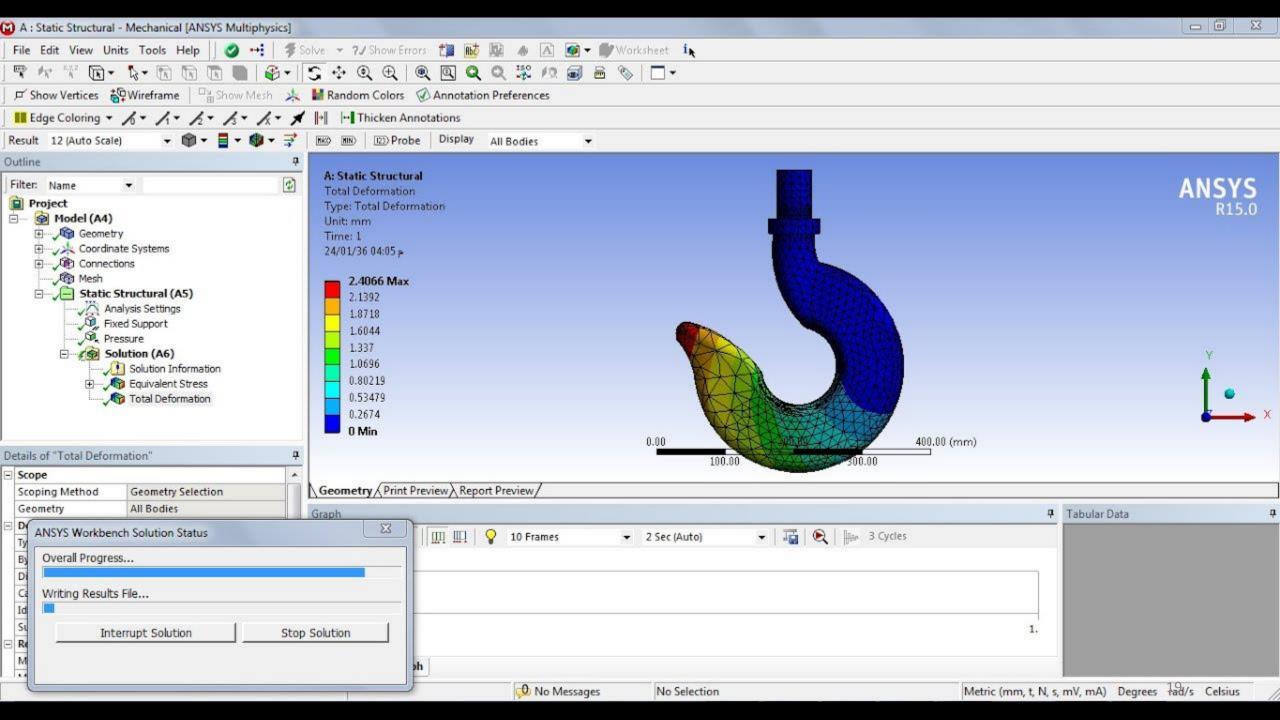
Material resistance (Сопротивление материалов)





CAE (Computer Aided Engineering)





Milling machine (Фрезерный станок)



CAM (Computer Aided Manufacturing)







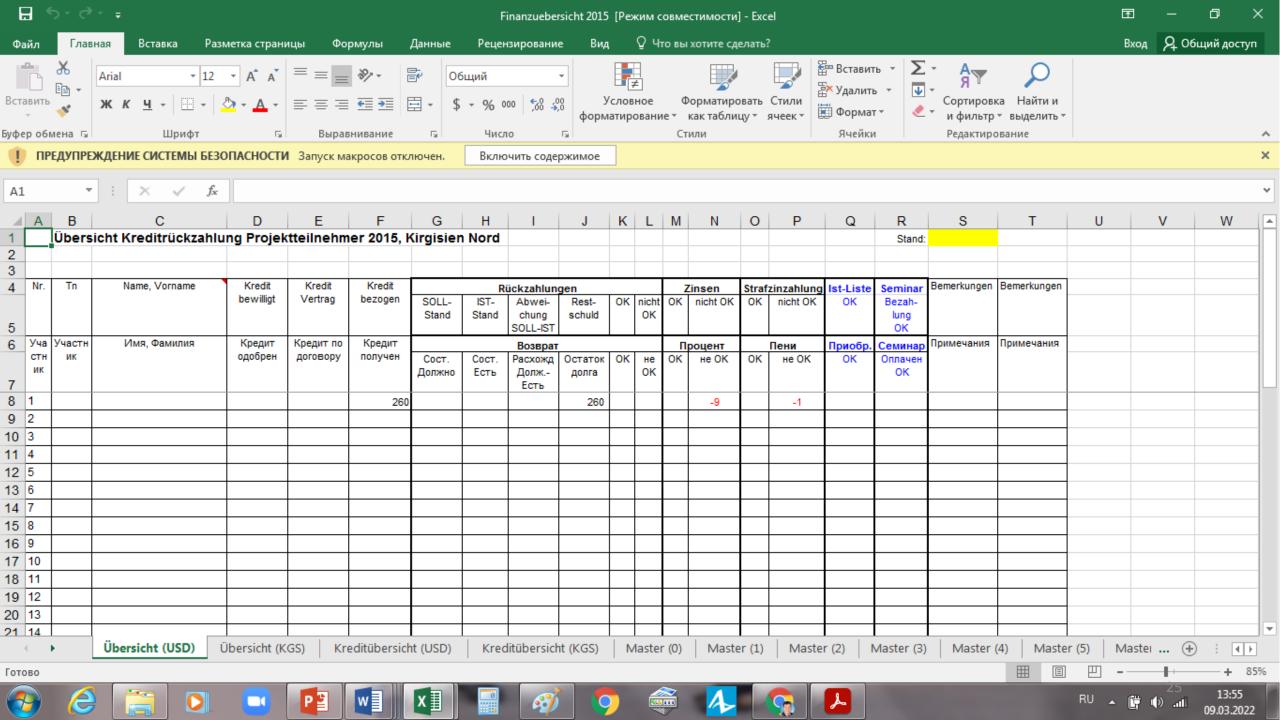




Results

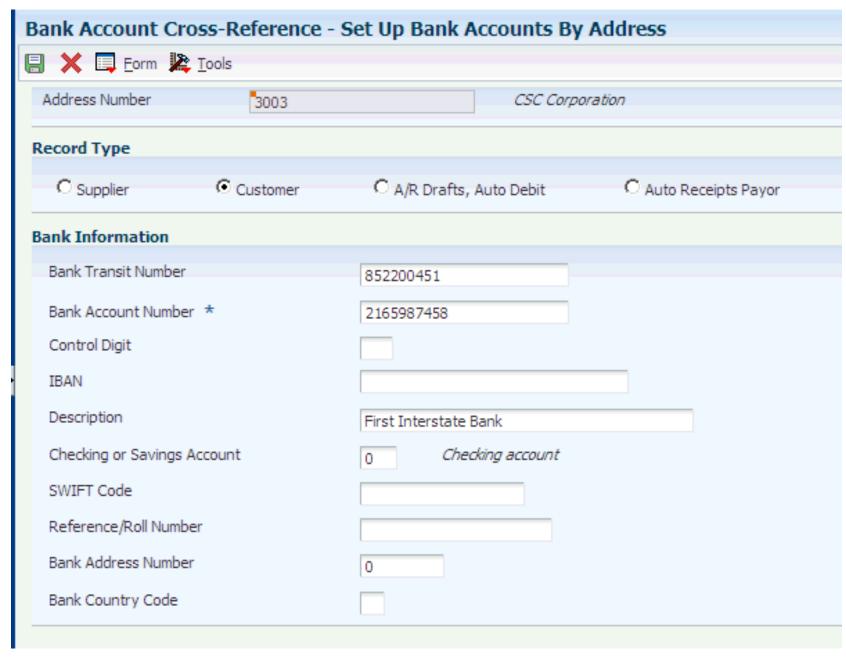




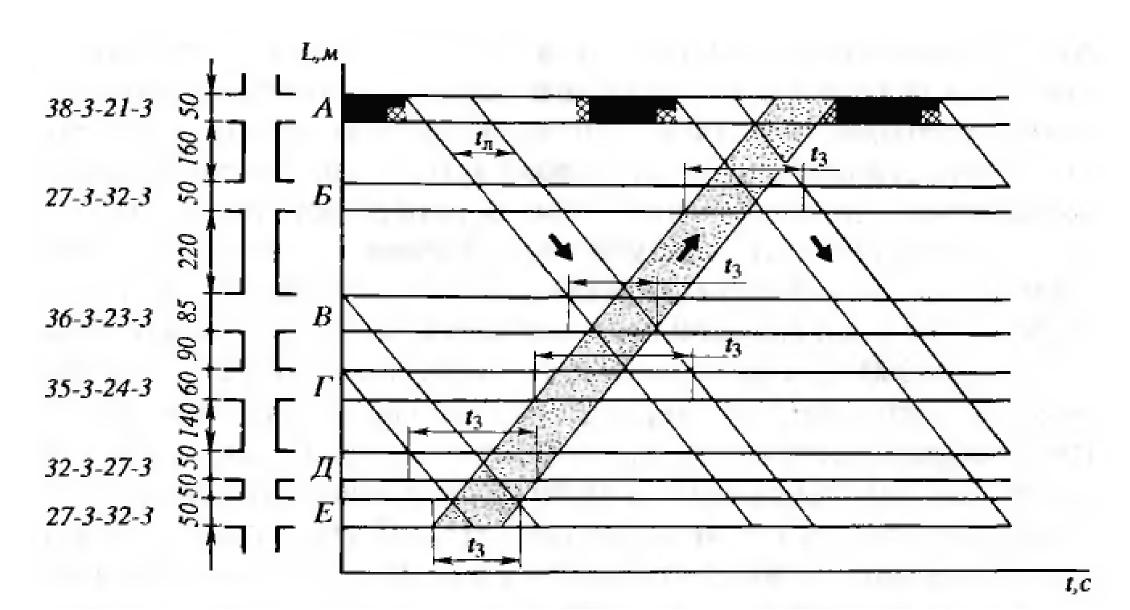




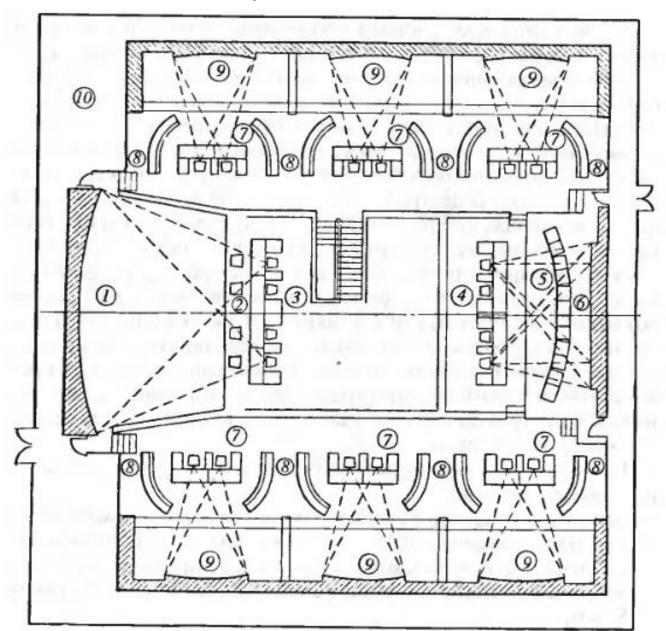
FINANCIAL SERVICES



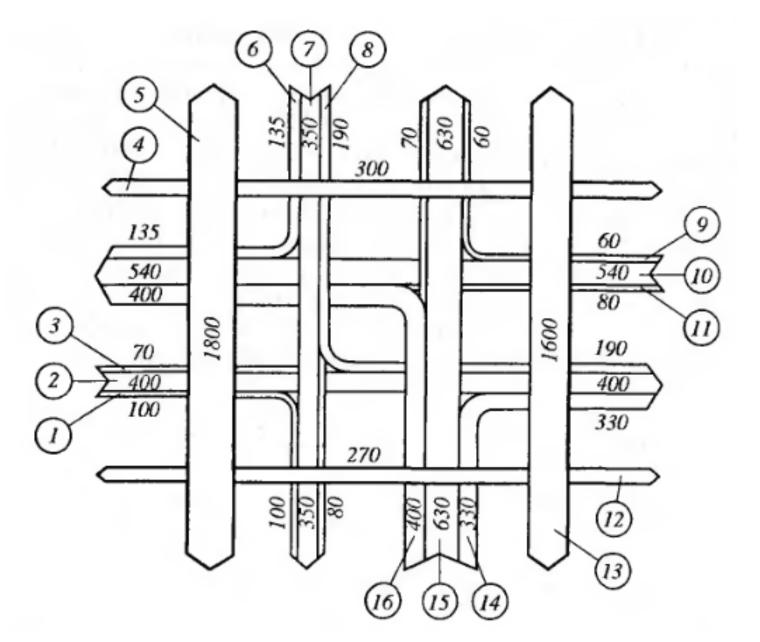
Coordinated Traffic Control



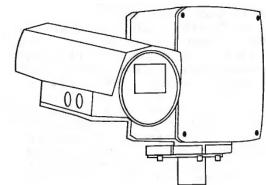
Control room (диспетчерский зал)

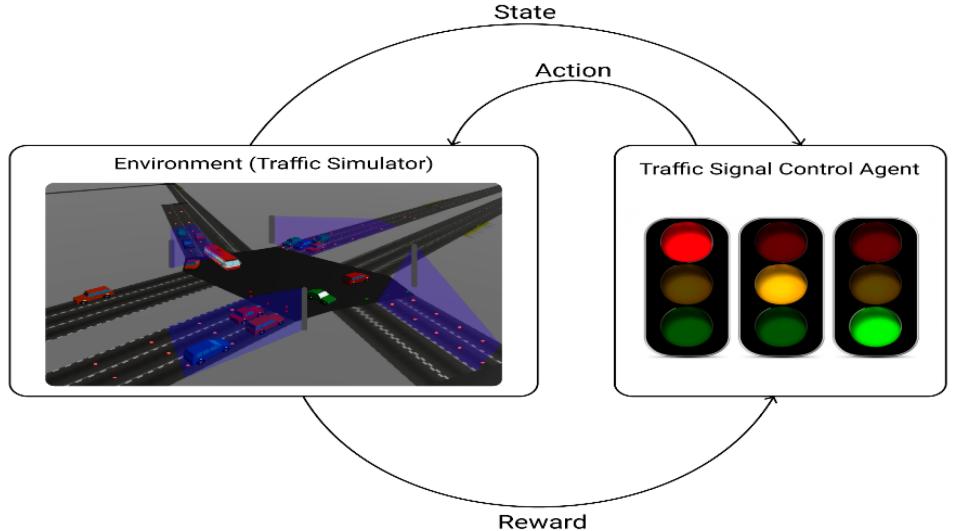


Cartogram of the intensity of transport and pedestrian flows



Fuzzy Logic Technologies







Traffic simulation









Thank you for your attention!

