

The name of theme: The analysis of cusped (isotropic material) beam

The name of theme: The analysis of cusped (laminate material) beam

Thesis: The reliability and saving material of construction is connected with contrary trends. If we want that the construction would be reliability, it must had a big sizes of transverse cross section, but in this case the construction wouldn't be economical. Our work is about the advantages of cusped beam than non-cusped beam (beam with constant transverse cross section); The issues of saving a beam's material solved with selected optimal transverse cross section. There is several theoretical tasks and program analyses for solving this problem, in our work.