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# DESIGN AND ENGINEERING ANALYSIS OF OVERHEAD CRANE CONSTRUCTION BY MEANS OF APM WINMACHINE

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## Keywords

*The article considers the suitability and relevance of Russian computer-aided design systems for engineering tasks solution. For the research we chose APM WinMachine to perform simulations from mixed type element constructions, static strength analysis, design and analysis of constructions under the influence of dynamic loadings. For testing and evaluation of the selected software package we chose the overhead crane as an object of engineering analysis.*

*Computer simulation, overhead crane, design optimization, static calculation, dynamic analysis, engineering analysis, WinMachine, structure 3d*

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## References

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