
THE INFLUENCE OF ASSUMPTIONS IN THE ANALYSIS OF STRUCTURES

by

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SUMMARY

This project consists out of four major chapters, all of them dealing with simplifications in the analysis of structures.

In chapter one, it will shown how the udl assumption influences the final answer in trapezoidal loading on beams. The second chapter will clarify the effect of using moments from equivalent loads in the evaluation of shear. In a third chapter the emphasis will be laced on the effect of assuming 1m load from one way slab on end beam. Finally, in the fourth chapter, the effect of substituting a two point loads with a trapezoidal load or udl load will be investigated on shears and moments.

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