Appendix V

The ESATAN-TMS Finite Element Analysis Method User Experiences

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Abstract

Based on a current space application analysis case, first-hand experiences of using the ESATAN-TMS Finite Element (FE) analysis method are presented. The steps from geometric model creation to post-processing of results are shown. Differences with respect to the traditional Lumped Parameter (LP) analysis method are highlighted and specific aspects related to the new FE analysis approach are discussed. Also suggestions for further improvement of this modeling approach are made.

















