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model multi layer stacks and their reflection through some commercial FE software. The use of S parameters will be explored in implementing this model.

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nodes and finite
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only one step, whereas
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failure surface, slice
side forces and their
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Application of the Finite Element Method to Slope Stability

Thermal modeling by
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simulates the laser
melt pool, with surface
temperatures in
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and thermal features of the simulated melt pools are extracted and used in subsequent mesoscale simulations.

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approximate solutions of problems in stress analysis, fluid flow, heat transfer, and other areas. - The first book on the FEM by Zienkiewicz and Chung was published in 1967.

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approximate Numerical
methods for the

analysis of complicated
problems has provided
platform to the

researchers and

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this, advent of digital
computer has

increased

exponentially the

useful application of

approximate methods.

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