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Calculus in Civil Engineering by david han

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Calculus in Civil Engineering by Chris Butler

6.7 Applications of differential calculus (EMCHH) Optimisation problems (EMCHJ) We have seen that differential calculus can be used to determine the stationary points of functions, in order to sketch their graphs. Calculating stationary points also lends itself to the solving of problems that require some variable to be maximised or minimised.

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What Kind of Math Is Expected of a Civil Engineering ...

Engineering Applications in Differential and Integral Calculus* ALAN HORWITZ Mathematics Department, Delaware County Campus, Penn State University, Pennsylvania, USA E-mail: alh4@psu.edu ARYA EBRAHIMPOUR College of Engineering, Civil Engineering Program, Idaho State University, Idaho, Pocatello 83209, USA. E-mail: ebraarya@isu.edu

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