

Cross-Sectional Area Constraint: $(w_1 + w_2)(H_1 + H_2 + 1)/2 = 150$ or

$$h_1 = (w_1 + w_2)(H_1 + H_2 + 1)/2 - 150 = 0;$$

Excavated Material Constraint: $(w_1 + w)(H_1/2) = (2)(w_2 + 2)(H_2 + 1)/2$ or

$$h_2 = (w_1 + w)(H_1/2) - (w_2 + 2)(H_2 + 1) = 0$$

The design variables are not independent; they are related as follows:

$$\tan \theta = \frac{H_1}{(w - w_1)/2} = \frac{H_2 + 1}{(w_2 - 2)/2} = \frac{H_1 + H_2 + 1}{(w_2 - w_1)/2}$$

So we get two more constraints from these relationships, as

$$h_3 = \frac{H_1}{w - w_1} - \frac{H_2 + 1}{w_2 - 2} = 0;$$

$$h_4 = \frac{H_1}{w - w_1} - \frac{H_1 + H_2 + 1}{w_2 - w_1} = 0$$

All the design variables must also be nonnegative:

$$-w \leq 0; \quad -w_1 \leq 0; \quad -w_2 \leq 0; \quad -w_3 \leq 0; \quad -H_1 \leq 0; \quad -H_2 \leq 0$$

Formulation 2:

Step 1: Problem Statement

Shown above

Step 2: Data and Information Collection

Shown above

Step 3: Definition of Design Variables

w_1 , H_1 , H_2 (m), and s (unitless) are chosen as design variables which are defined below in relation to Figure E2.22:

$$s = \tan \theta$$

$$w = w_1 + \frac{2H_1}{s}$$

$$w_2 = w_1 + \frac{2(H_1 + H_2 + 1)}{s}$$

$$w_2 = 2 + \frac{2(H_2 + 1)}{s}$$

Step 4: Optimization Criterion

Optimization criterion is to minimize the volume of excavation, and the cost function is defined as:

Introduction To Optimal Design Arora Solution

Richard Bailey



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Mechanical Engineering and Intelligent Systems J.W. Hu, J. Su, 2012-08-30 Selected peer reviewed papers from the 2012 International Conference on Mechanical Engineering and Intelligent Systems ICMEIS 2012 August 25 26 2012 Beijing China

Computer Aided Optimum Design of Structures V Santiago Hernández, S. Hernández, C. A. Brebbia, 1997 Containing the proceedings of the 5th International Conference on Computer Aided Optimum Design of Structures this volume looks at

recent advances in structural optimization and demonstrates how optimization can best be applied to engineering practice
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ASM Handbook S. L. Semiatin,ASM International. Handbook Committee,1990 These volumes cover the properties processing and applications of metals and nonmetallic engineering materials They are designed to provide the authoritative information and data necessary for the appropriate selection of materials to meet critical design and performance criteria

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