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## Department of Civil Engineering (Classic Reprint)

By Massachusetts Institute of Technology

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from Department of Civil Engineering Six years ago, in recognition of the tendency toward specialization, which is so marked in all branches of engineering, the course in Civil Engineering at the Institute was rearranged and essentially modified by the introduction of options in the fourth year. As important changes in the course and extensive additions to the equipment of the department have since been made, it seems now proper to publish a detailed statement of the progress and present condition of the department and of its means and methods of instruction. The educated engineer, whatever branch of the profession he may follow, is constantly called upon to make application of the principles of mathematics, mechanics, and physics, of the laws governing the stability of structures, the resistance of materials, or the flow of water, in dealing with problems involving the development of natural resources, the construction or improvement of channels of transportation, or the maintenance of the public health. These subjects must, therefore, be included in any sound course of instruction in Engineering. But the rapid...



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