

Sustainability in engineering design : an undergraduate text / Anthony Johnson, Andrew Gibson

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Abstrak

Designed for use in engineering design courses, and as a reference for industry professionals learning sustainable design concepts and practical methods, Sustainability in engineering design focuses on designers as the driving force behind sustainable products. This book introduces sustainability concepts and explains the application of sustainable methods to the engineering design process. The book also covers important design topics such as project and team management, client management, performance prediction, and the social and environmental effects of sustainable engineering design. These concepts and methods are supported with a wealth of worked examples, discussion questions, and primary case studies to aid comprehension.