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Design Of Piping Systems



Synopsis

2009 reprint of the 1956 second edition. This title made available for the first time an adequately organized, comprehensive analytical method for evaluating the stresses, reactions and deflections in an irregular piping system in space, unlimited as to the character, location or number of concentrated loadings or restraints. Profusely illustrated and meticulously detailed.

Book Information

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Customer Reviews

One of the best pipe stress books ever written is back in print, for a VERY affordable price.

Previously, you had to hope to find someone's used, 50-year-old hardback edition for under \$200. If you are looking to understand pipe stress analysis, this is a must-have for your library. This book contains a method for manual pipe stress analysis which is detailed and comprehensive, so that the reader can understand what is involved in calculating pipe stresses at various points, can work the examples, and find maximum thermal stresses, stresses due to wind load, etc. Calculation methods are compatible with ASME B31 piping codes and parallel the codes very closely. While it takes a good amount of time and effort to read, understand, and reproduce the results in the book, it's well worth the read and a useful tool to anyone needing to understand pipe stress analysis, whether you have a software license for FEA of piping systems or not. This is one of the few methods out there of obtaining maximum stresses without a computer program. It lends itself very well to calculation in a spreadsheet. While complex systems are still better done with an FEA analysis package, the methods in this book can afford the user quicker results for simpler systems in many cases. One of

the gold standard books on pipe stress and piping design.

The book arrived quickly and in great condition. The content of the book is superb. At my company the role of stress analysis goes to an engineer but as a designer I cannot wait for the official stress analysis to coordinate with structural so I need to know with a good amount of certainty what type of pipe supports will be needed and where. I have already been able to use this book on a current project and I can't wait to dig deeper into.

Worked at MW Kellogg during the 90's. Kellogg was the first to produce design and drafting standards for piping drafting, design, and engineering.

There are not too many practical examples in the book.

This textbook is a classic and I required one for my technical library. I did not know they were still printing this book. Now I have one.

Still valid info, useful when you do flexibility analysis for small piping systems.

No so good I thought this book was better

An old-fashion yet comprehensive book at a very affordable price.

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