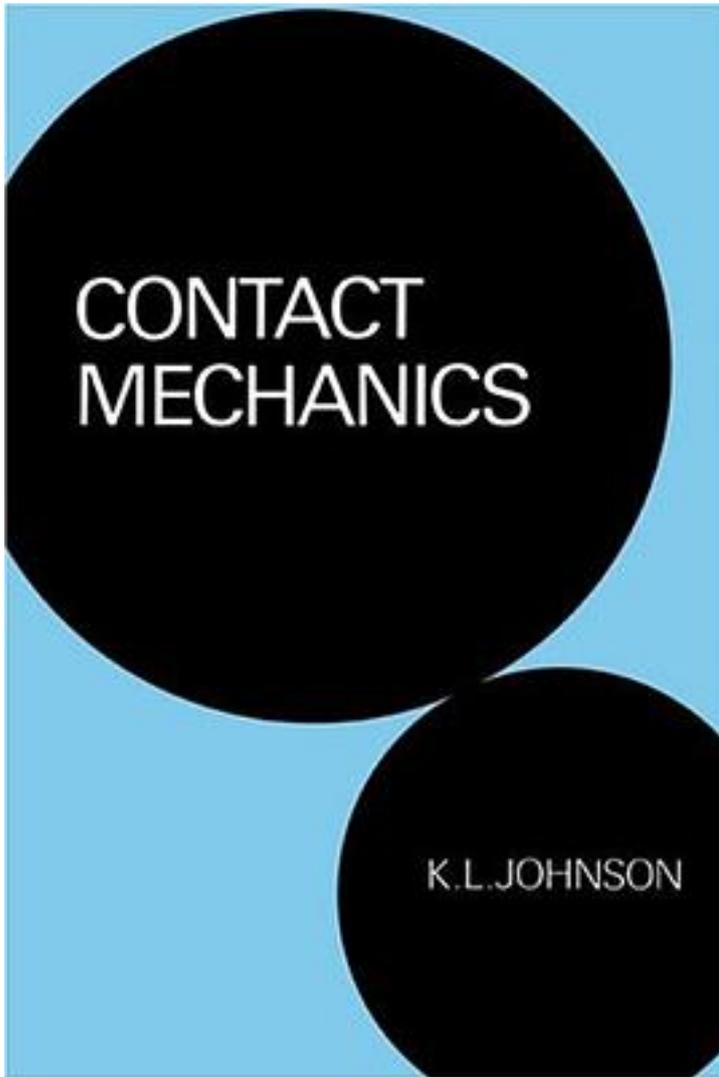


Contact Mechanics



[Contact Mechanics_ 下载链接1](#)

著者:Johnson, K. L.

出版者:

出版时间:1987-8

装帧:

isbn:9780521347969

This treatise is concerned with the stresses and deformation of solid bodies in contact with each other, along curved surfaces which touch initially at a point or along a line. Examples are a railway wheel and rail, or a pair of gear wheel teeth. Professor Johnson first reviews the development of the theory of contact stresses since the problem was originally addressed by H. Hertz in 1882. Next he discusses the influence of friction and the topographical roughness of surfaces, and this is incorporated into the theory of contact mechanics. An important feature is the treatment of bodies which deform plastically or viscoelastically. In addition to stationary contact, an appreciable section of the book is concerned with bodies which are in sliding or rolling contact, or which collide.

作者介绍:

目录:

[Contact Mechanics_下载链接1](#)

标签

机械

工程科技

评论

虽然书老了点，但还是经典。讲的也很清楚详细，重要的方法、工具、方程都有，现在也仍然实用。比起波波夫的《接触力学与摩擦学的原理及其应用（第二版）》泛泛点一下接触力学的几个重要内容要好很多。只是在数学上有一些笔误，读者要小心一下。

Classic!

[Contact Mechanics_下载链接1](#)

书评

[Contact Mechanics_下载链接1](#)