

专题资料目录

有 限 单 元 法

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前 言

有限单元法是五十年代中期开始逐渐形成的一种比较有效的结构分析法,也是对連續介质分析法有所突破的一种处理法,比傳統的数理分析法更能發揮大型、快速电子計算技术的作用。

本目录蒐集的有关題录共1600余条,主要取材于100多种国外期刊和特种文献。內容分一般問題和应用两部分,下按主題共分22个小类。第二部分重点突出該方法在土木、建筑、机械、航空、船舶等工程中的应用。

本目录每一題录右下角的符号为資料收藏单位的代号。☆代表中国科学技术情报研究所;△代表北京圖書館;※代表中国科学院圖書館。

本目录由中国科学院力学研究所审校,在編輯过程中还得到清华大学力学系固体力学教研室的协助。

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一、一般问题

1.1 一般综述

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| 1.1 | 0001 | 有限单元法构造解析构造用的自动数据
(有限要素法による构造解析のための自動データ作成法) — 川面恵司; 情报处理, 1973, vol. 14, №5, pp. 334—340 (日文) | 1.1 | 0007 | 用有限单元法计算弹性体结构的介绍
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| 1.1 | 0002 | 关于有限单元矩阵方程式的研究
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| 1.1 | 0003 | 利用有限单元法进行结构分析(1)
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