

力 学

(国际会议文献索引)

中国科学技术情报研究所

1960年3月

016.332
2594

力 学
(国际会议文献索引)

*

中国科学技术情报研究所编辑出版
北京朝内大街117号

北京外文印刷厂印刷

全国各地新华书店发行

*

787×1092 1/16 $1\frac{11}{16}$ 印张 54000字
1960年3月北京第1版 1960年3月北京第1次印刷

印数: 00001—04,700

科研版: 2—00405

定 价: 0.14元

說 明

1. 本索引系根据1953—1959年有关力学的国际会议文献选編而成，供生产及研究单位参考。
2. 凡索引列入的文献，各单位如有需要，本所可以代为复制。
3. 凡需复制原文者，請开具公函，注明应論文的序号，名称（中外文对照），期刊名称，出版年、卷、期、頁次，逕向我所資料館接洽。
4. 对于本索引如发现有点和錯誤， 欢迎讀者批評指正， 以便改进工作。

目 录

一、1955年气体动力学中附面层的效应文献·····	1
二、1955年第6次一般流体力学国际会议文献·····	1
三、1957第七次流体力学国际会议文献·····	4
四、1957年美国中西部第5次流力学会会议文献·····	6
五、1957年热传导及流体力学会会议报告·····	7
六、1954—1955年第七届国际船舶流体动力学会会议文献·····	9
七、1953年宇宙星云气体动力学·····	9
八、1957年美国第三次固体力学会会议文献·····	12
九、1959年试验应力分析文献·····	13
十、1959年应用数学会会议报告文集·····	15
十一、1958年理论力学和应用力学的国际协会的报告·····	16
十二、1956年国际金属材料疲劳学会会议论文集·····	16
十三、1956年第三届高速照相国际会议文献·····	18
十四、1955年日本全国应用力学会会议文献（第五次）·····	19
十五、1956年统计力学国际会议文献·····	24

1955年气体动力学中附面层的效应文献

激波和附面层之间的相互作用及其在超声速流中对底压的关系

The interaction between shock waves and boundary layers and its relation to base pressure in supersonic flow.

Holder D. W., Gadd G. E.

Boundary Layer Effects in Aerodynamics, 1955, 8 p. 1-65 (英文) 000001

在跨音速机翼绕流中端流附面层激波感应分离的若干效应

Some effects of shock-induced separation of turbulent boundary-layers in transonic flow past aerofoils.

Pearcey H. H.

Boundary Layer Effects in Aerodynamics, 1955, 9 p. 1-84 (英文) 000002

关于附面层控制方法上英国目前的研究工作

Recent British work on methods of boundary-layer control.

Pankhurst R. C.

Boundary Layer Effects in Aerodynamics, 1955, 6 p. 1-39 (英文) 000003

粘性对后掠翼上流动型的影响

The effects of viscosity on the type of flow on swept wings.

Kuchemann D.

Boundary Layer Effects in Aerodynamics, 1955, 5 p. 1-17 (英文) 000004

作用在细长圆柱体上的轴对称附面层

The axisymmetric boundary layer on a long thin cylinder.

Glauert M. B., Lighthill M. J.

Boundary Layer Effects in Aerodynamics, 1955, 2, p. 1-18 (英文) 000005

气体动力学附面层效应会议开幕词

Opening address.

Howarth Prof. L.

Boundary Layer Effects in Aerodynamics, 1955, 1-11 (英文) 000006

三维层流附面层理论

The theory of three-dimensional laminar boundary layers.

Timman R.

Boundary Layer Effects in Aerodynamics, 1955, 1 p. 1-22 (英文) 000007

论三维附面层的稳定性, 及其对由旋转盘引起的流动的应用

On the stability of three-dimensional boundary layers with application to the flow due to a rotating disk.

Gregory N., Stuart J. T., Walker W. S.

Boundary Layer Effects in Aerodynamics, 1955, 3 p. 1-53 (英文) 000008

关于附面层转变的力学的贡献

Contributions on the mechanics of boundary layer transition.

Schubauer G. B., Klebanoff P. S.

Boundary Layer Effects in Aerodynamics, 1955, 4 p. 1-21 (英文) 000009

超声速中两面凸的与双类楔翼型的翼型阻

The profile drag of biconvex and double wedge wing sections at supersonic speeds.

Young A. D., Kirkby S.

Boundary Layer Effects in Aerodynamics, 1955, 7 p. 1-34 (英文) 000010

1955年第六次一般流体力学国际会议文献

底部入水口架的设计和运转

Operation and design of bottom intake racks.

Noseda G.

IAHR Proc. 6th Gen. Meet., Hague 1955, 3, C17, 1-11 (英文) 000011

作用在水平旋转蝶形堰上的力

The forces on a horizontally pivoted butterfly weir.

Lean G. H.

IAHR Proc. 6th Gen. Meet., Hague 1955, 3, C3, 1-17 (英文) 000012

实验激潮的理论研究

Theoretical considerations on an experimental bore.

Schönfeld J. C.

IAHR Proc. 6th Gen. Meet., Hague 1955, 1, A15, 1-12 (英文) 000013

有和无底涵洞的蓄水閘的研究

Investigations upon storage locks with and without bottom culverts.

Wittmann H.

IAHR Proc. 6th Gen. Meet., Hague 1955, 4, D7, 1-6 (英文) 000014

蓄水库排洩口的水力学设计准则

Hydraulic design criteria for reservoir outlets.

Douma H.

IAHR Proc. 6th Gen. Meet., Hague 1955, 3, C10, 1-20 (英文) 000015

论在閘門排洩口中空气雾沫的试验研究

Experimental research on air entrainment in gated outlet works.

Fasso C. A.

IAHR Proc. 6th Gen. Meet., Hague 1955, 3, C26, 1-18 (英文) 000016

出口渠道的某些水力問題

Some hydraulic problems of outlet conduits.
Mura Y., Araki M.
IAHR Proc. 6th Gen. Meet., Hague 1955,
3, C5, 1-14 (英文) 000017

水工建筑物下冲刷相似准则

Criteria for similitude of scour below hydraulic structures.
Li W-H.
IAHR Proc. 6th Gen. Meet., Hague 1955,
3, C4, 1-6 (英文) 000018

高水头虹吸管的性能和特点

High head siphons, their behaviour and characteristics.
Joglekar D. V., Guha S. K., Luthra S.D.L.
IAHR Proc. 6th Gen. Meet., Hague 1955,
3, C2, 1-10 (英文) 000019

暗沟系統計算的連續方程式的应用

Application of the continuity equation for sewer system computations.
Ambraseys N. N.
IAHR Proc. 6th Gen. Meet., Hague 1955,
4, D3, 1-10 (英文) 000020

流体的均匀紊流

Uniform turbulent flow of fluid.
Frankovic A.
IAHR Proc. 6th Gen. Meet., Hague 1955,
4, D2, 1-6 (英文) 000021

St. Anthony Falls 水力实验室的仪器发展

Instrument development at the St. Anthony Falls hydraulic laboratory.
Straub L. G., Ripken J. F., Killen J. M., Bowers C. E.
IAHR Proc. 6th Gen. Meet., Hague 1955,
2, B3, 1-9 (英文) 000022

模型的电子仪器

Electronic instrumentation of models.
Schoemaker H. J.
IAHR Proc. 6th Gen. Meet., Hague 1955,
2, B20, 1-11 (英文) 000023

水力研究的仪器(模型和原型)

Instrumentation for hydraulic research (Model and prototype).
Brown F. R.
IAHR Proc. 6th Gen. Meet., Hague 1955,
2, B19, 1-21 (英文) 000024

在解潮水水力学問題中某些特殊仪器

Some specialized instrumentation for the solution of problems in tidal hydraulics.
Thomas C. W., McBirney W. B.
IAHR Proc. 6th Gen. Meet., Hague 1955,
2, B13, 1-8 (英文) 000025

控制暴风雨潮水的机构

Mechanism for controlling storm tides.
Hensen W.
IAHR Proc. 6th Gen. Meet., Hague 1955,
2, B12, 1-5 (英文) 000026

应用电子电路水力测量的新方法

New methods of hydraulic measurements with the use of electronic circuits.
Polednik B., Sotornik V.
IAHR Proc. 6th Gen. Meet., Hague 1955,
2, B6, 1-7 (英文) 000027

水力实验工作中新电量测设备的应用

The application of new electrical measuring devices in hydraulic experimental work.
Wittmann H.
IAHR Proc. 6th Gen. Meet., Hague 1955,
2, B5, 1-8 (英文) 000028

记录瞬时压力和力的一个新方法

A new method for recording instantaneous pressures and forces.
Uppal H. L., Singh S.
IAHR Proc. 6th Gen. Meet., Hague 1955,
2, B1, 1-5 (英文) 000029

論可變截面沟渠內的潮水波

On tidal waves in a canal with variable cross-section.
Evangelisti G.
IAHR Proc. 6th Gen. Meet., Hague 1955,
1, A10, 1-2 (英文) 000030

論 Tone 河潮水到达的水力学特点

On the hydraulic characteristics of the tidal reach of the Tone River.
Sato S., Kirkawa H., Kishi T.
IAHR Proc. 6th Gen. Meet., Hague 1955,
1, A6, 1-12 (英文) 000031

噴射混合物研究

Contribution à l'étude du mélange des jets.
Curtet R.
IAHR Proc. 6th Gen. Meet., Hague 1955,
3, C18, 1-13 (法文) 000032

用电模拟法研究水力学問題及水力模型的比較

Problèmes hydrauliques traités par l'analogie électrique. Comparaison avec des modèles hydrauliques.
Faure J.
IAHR Proc. 6th Gen. Meet., Hague 1955,
3, C24, 1-10 (英文) 000033

消能器

Dissipateur d'énergie.
Gandolfo J. S., Cotta R. D.
IAHR Proc. 6th Gen. Meet., Hague 1955,
3, C23, 1-9 (法文) 000034

潮汐水庫及庫門的水力計算

Le regime des bassins a maree et le calcul hydraulique des embouchures.
Supino G.
IAHR Proc. 6th Gen. Meet., Hague 1955,
1, A8, 1-14 (法文) 000035

管道通气孔的作用

Remarque sur le fonctionnement des ventouses d'aération des conduites.
Escande L.
IAHR Proc. 6th Gen. Meet., Hague 1955,
2, B8, 1-4 (法文) 000036

测定混合液体的浓度及流速用的电气装置

Un dispositif électrique pour la mesure des concentrations et des vitesses d'un mélange. Polhovski V., Nikolic D.

IAHR Proc. 6th Gen. Meet., Hague 1955, 2, B9, 1-12 (法文) 000037

用电模拟法测定调压塔内水面的振幅及模拟机的制造

Determination par analogie électrique de l'amplitude des oscillations du plan d'eau dans les cheminées d'équilibre. Réalisation de l'appareil d'analogie.

Gruat J.

IAHR Proc. 6th Gen. Meet., Hague 1955, 2, B10, 1-16 (法文) 000038

测定閘門上水压力用的流体动力天平

Balance hydrodynamique pour la détermination des efforts exercés par l'eau sur une vanne.

Dialinas J.

IAHR Proc. 6th Gen. Meet., Hague 1955, 2, B14, 1-16 (法文) 000039

材料的管道运输设备的工业控制装置

Dispositif de contrôle industriel des installations de transport des matériaux en conduite.

Condolios E.

IAHR Proc. 6th Gen. Meet., Hague 1955, 2, B15, 1-11 (法文) 000040

海洋波浪记录器

Appareil enregistreur de houles en mer.

Boudan J.

IAHR Proc. 6th Gen. Meet., Hague 1955, 2, B21, 1-9 (法文) 000041

朗斯河口潮汐发电站实验研究用的仪器

Appareillage d'essai utilisé pour l'étude expérimentale de l'usine maremotrice de l'estuaire de la range.

Greslou L., Menestrel C. Le.

IAHR Proc. 6th Gen. Meet., Hague 1955, 2, B22, 1-19 (法文) 000042

计算明渠波浪传播用的图解法

Méthode graphique pour le calcul de la propagation des intumescences dans les canaux découverts.

Nougaro J.

IAHR Proc. 6th Gen. Meet., Hague 1955, 4, D5, 1-15 (法文) 000043

通风虹吸管的稳定性

Stabilité des siphons aérés.

Boreli M.

IAHR Proc. 6th Gen. Meet., Hague 1955, 3, C12, 1-16 (法文) 000044

溢流片的振动研究

Etude sur la vibration des lames deversantes.

Pariset E.

IAHR Proc. 6th Gen. Meet., Hague 1955, 3, C21, 1-15 (法文) 000045

比尺变化模型河床材料大小和时间比尺对局部冲刷几何相似性的影响

Effect of scale distortion, size of model bed material and time scale on the geometrical similarity of localised scour.

Ahmad M.

IAHR Proc. 6th Gen. Meet., Hague 1955, 4, D4, 1-16 (英文) 000046

运木滑槽的一个自动调节的入口

A self-regulating intake for a log-shoot.

Angelin S.

IAHR Proc. 6th Gen. Meet., Hague 1955, 2, B7, 1-4 (英文) 000047

研究和校正正在高水头作用下大圆柱形閘門的过度下拉力的室内试验和原型试验

Laboratory and prototype tests for the investigation and correction of excessive downpull forces of large cylinder gates under high heads.

Martin H. M., Ball J. W.

IAHR Proc. 6th Gen. Meet., Hague 1955, 3, C6, 1-16 (英文) 000048

在壩的溢洪道部分上溢水喷射机械能量的损失

The losses of mechanical energy of the overfall jet on the spillway sections of dams.

Cabelka J.

IAHR Proc. 6th Gen. Meet., Hague 1955, 3, C27, 1-10 (英文) 000049

溢流堰的空穴

Cavitation sur les seuils deversants.

Lemoine R.

IAHR Proc. 6th Gen. Meet., Hague 1955, 3, C22, 1-8 (法文) 000050

推移质输运速率的公式

Regime formulas for bed-load transport.

Blench T.

IAHR Proc. 6th Gen. Meet., Hague 1955, 4, D1-11 (英文) 000051

通筒溢洪道的理论实验设计

Shaft spillways theoretic experimental design.

Lencastre A.

IAHR Proc. 6th Gen. Meet., Hague 1955, 3, C9, 1-9 (英文) 000052

在东北 Polder 水力学实验室水入口处的排洩建筑

Outlet construction of the intake of the hydraulics laboratory in the North Eastern Polder.

Bijker E. W.

IAHR Proc. 6th Gen. Meet., Hague 1955, 3, C25, 1-3 (英文) 000053

論具有給出均匀加速度的非綫性特性的叶层弹簧
On the laminated leaf spring with a non-linear characteristic which gives uniform accelerations.

Tugue Y.

Proc. 5th Japan Nat. Congr. Appl. Mech., 1955, 37-40 (英文) 000054

1957年第七次流体力学国际会议文献

关于溢洪閘及洩水工程的最新試驗結果

Quelques résultats obtenus au cours d'essais récents sur des évacuateurs de crues et des ouvrages de décharge.

Faure J.

IAHR 7th Gen. Meet. trans., 1957, 2, D17, 1-8 (法文) 000055

論軸对称运动

Sur les mouvements axial-symétriques.

Dumitrescu D. T.

IAHR 7th Gen. Meet. trans., 1957, 2, D48, 1-6 (法文) 000056

帶吸氣縫的溢流堰

Étude des seuils déversants à fente aspiratrice. Samanes M. F.

IAHR 7th Gen. Meet. trans., 1957, 2, D24, 1-23 (法文) 000057

明渠中波浪的消能、反射和传佈

Amortissement, réflexion et transmission des intumescences dans les canaux découverts.

Nougaro J., Barbe A.

IAHR 7th Gen. Meet. trans., 1957, 2, D36, 1-21 (法文) 000058

法兰西斯水輪机尾水管中水流的研究

Etude de l'écoulement dans les aspirateurs des turbines francis industrielles.

Campnas P.

IAHR 7th Gen. Meet. trans., 1957, 2, D3, 1-18 (法文) 000059

混合材料被河底冲刷运动的实验研究。冲刷相似性研究

Étude expérimentale du mouvement par charriage de fond d'un mélange de matériaux. Recherches sur la similitude du charriage.

Pantélopoulos J.

IAHR 7th Gen. Meet. trans., 1957, 2, D30, 124 (法文) 000060

压力渠道中形成的片流及紊流

L'établissement du mouvement laminaire ou turbulent dans les canaux planes sous pression.

Hancu S.

IAHR 7th Gen. Meet. trans., 1957, 2, D47, 1-6 (法文) 000061

轉向隧道的流体力学

Hydraulics of diversion tunnel.

Ito T., Ashida K.

IAHR Proc. 7th Gen. Meet., 1957, C16, 1-9 (英文) 000062

河流相似性的临界分析

Critical analysis of river similarity.

Boreli M., Bruk S.

IAHR 7th Gen. Meet. trans., 1957, 2, D4, 1-26 (英文) 000063

浸入水流中的半圓形鋼質拱围堰弓形段上的水动力

Hydrodynamic forces against semicircular steel arch cofferdam segments immersed in streaming water.

Rundgren H. L.

IAHR 7th Gen. Meet. trans., 1957, 2, D13, 1-10 (英文) 000064

地震水动力学和水庫内波浪的产生

Seismic hydrodynamics and wave generation in reservoirs.

Ambraseys N. N.

IAHR 7th Gen. Meet. trans., 1957, 2, D19, 1-8 (英文) 000065

浸沒管道中的水流

Water flow through drowned conduits.

Jarocki W.

IAHR 7th Gen. Meet. trans., 1957, 2, D29, 1-6 (英文) 000066

閉管道内的水跃

Hydraulic jump in closed conduits.

Haindl K.

IAHR 7th Gen. Meet. trans., 1957, 2, D32, 1-9 (英文) 000067

由于水跃在管道中所吸进的空气量及其用 γ 辐射的测定

Quantity of air drawn into a conduit by the hydraulic jump and its measurement by gamma-radiation.

Haindl K., Sotornik V.

IAHR 7th Gen. Meet. trans., 1957, 2, D31, 1-7 (英文) 000068

陡水道的快水流

Fast water flow in steep channel.

Viparelli M.

IAHR 7th Gen. Meet. trans., 1957, 2, D39, 1-9 (英文) 000069

一个新型污水網的分流結構

A new type of diversion structure for sewage networks.

Lencastre A.

IAHR 7th Gen. Meet. trans., 1957, 2, D41, 1-5 (英文) 000070

門壩护桥上动能的消散

Kinetic energy dissipation on apron for gate dams.

Gandolfo J. S., Cotta R. D.

IAHR 7th Gen. Meet. trans., 1957, 2, D22, 1-10 (英文) 000071

拋物形水槽中水跃的理論和实验分析

Theoretical and experimental analysis of the hydraulic jump in a parabolic flume.

Argyropoulos P. A.

IAHR 7th Gen. Meet. trans., 1957, 2, D12, 1-19 (英文) 000072

大壩工程的模型研究

Recherches de laboratoire sur les ouvrages d'un grand barrage.

Georgescu P., Lates M., Zarea S.
IAHR 7th Gen. Meet. trans., 1957, 2, D45,
1-10 (法文) 000073

非粘性冲积物在水流中移动的通用方程

L'équation générale du transport des alluvions non cohesives par un courant fluide.

Egiazaroff I.
IAHR 7th Gen. Meet. trans., 1957, 2, D43,
1-7 (法文) 000074

水力模量

Le module hydraulique.

Henriques F. G.
IAHR 7th Gen. Meet. trans., 1957, 2, D40,
1-8 (法文) 000075

土壤的渗流研究

Étude des écoulements de filtration à travers les digues en terre.

Matta G.
IAHR 7th Gen. Meet. trans., 1957, 2, D38,
1-16 (法文) 000076

用电模拟法研究压力管道的超压

Étude par analogie électrique des surpressions dans les conduites forcées.

Piquemal J.
IAHR 7th Gen. Meet. trans., 1957, 2, D37,
1-13 (法文) 000077

关于收口式调压塔的实验研究

Quelques expériences relatives à l'étude expérimentale des cheminées d'équilibre à étranglement.

Djonin K.
IAHR 7th Gen. Meet. trans., 1957, 2, D34,
1-12 (法文) 000078

論研究流体螺旋运动用的 Morera 法

Sur la méthode de Morera concernant l'étude des mouvements hélicoïdaux des fluides.

Zarea S.
IAHR 7th Gen. Meet. trans., 1957, 2, D50,
1-7 (法文) 000079

实验室人造波浪的精确测定, 理论诠释

Mesures précises de la houle de laboratoire, interprétation théorique.

Marcou C.
IAHR 7th Gen. Meet. trans. 1957, 2, D1-15
(法文) 000080

实验室内的波浪研究

Nouvelles recherches sur la houle de laboratoire.

Kravtchenko J., Santon L.
IAHR 7th Gen. Meet. trans., 1957, 2, D2,
1-15 (法文) 000081

高速水流的消能装置

Quelques dispositifs pour l'amortissement de l'énergie d'écoulements à grande vitesse, Levi E., Escamilla G. G.

IAHR 7th Gen. Meet. trans., 1957, 2, D10,
1-4 (法文) 000082

从同一结构的三个模型中速度, 腐蚀和压力的测定

Velocity, scour and pressure measurements from three models of the same structure. Thomas C. W.

IAHR Proc. 7th Gen. Meet., 1957, A8, 1-10
(英文) 000083

旋渦的討論

Discussion sur la cavitation

IAHR Proc. 7th Gen. Meet., 1957, III, 1-23
(法文) 000084

水力发电站给水槽中的正的大浪波

Positive surge waves in supply channels of hydro power stations.

Cábelka J., Gabriel P.
IAHR Proc. 7th Gen. Meet., 1957, C7, 1-9
(英文) 000085

論跃出式水閘的射流的稳定性

Stability of jets from ski-jump sluices.

Dodge J. C. I.
IAHR 7th Gen. Meet. trans., 1957, 2, D5,
1-11 (英文) 000086

在有推移质輸运的模型中若干比例尺影响

Some scale-effects in models with bedload-transportation.

Bijker E. W., Stapel D.R.A., De Vries M.
IAHR 7th Gen. Meet., 1957, A1, 1-13 (英文)
000087

虹吸溢洪道上的空穴

Cavitation on siphon spillways.

Maitra B.
IAHR Proc. 7th Gen. Meet., 1957, B3, 1-9
(英文) 000088

水轮机形成的各种空穴

Divers aspects de la cavitation dans les turbines hydrauliques.

Wegner M.
IAHR Proc. 7th Gen. Meet., 1957, B4, 1-20
(法文) 000089

水輪机的旋渦平台及Sogreah 閘門

Les plates—formes de cavitation pour turbines et vannes de la sogreah.

Berthod, Giraud H.
IAHR Proc. 7th Gen. Meet., 1957, B6, 1-37
(法文) 000090

1959年美国中西部第五次流体力学会議文献

論正面冲击刚性栅格式结构的平面传播激波相互作用机构

On a mechanism for the interaction of plane traveling shock waves striking rigid grid-like structures head-on.

Barthel H. O.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 171-186 (英文)

000091

无边漏絕热滑动軸承解答的数值法

Numerical methods of solution of the adiabatic slider bearing without side leakage.

Guilinger W. H., Saibel E.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 285-298 (英文)

000092

在液体中气体射流的离解所产生的气泡

Production of bubbles by the disintegration of gas jets in liquids.

Silberman E.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 263-284 (英文)

000093

磁性气体动力学一元不定常流

One-dimensional unsteady flow of magnetogasdynamics.

Pai S. I.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 251-262 (英文)

000094

論在各种液体中均匀运动的小气泡的不稳定性

On the instability of small gas bubbles moving uniformly in various liquids.

Hartunian R. A., Sears W. R.

1957 Heat Transfer & Fluid Mech. Inst., 23-42 (英文)

000095

論弯曲的可压缩层流的流体动力稳定性

On the hydrodynamic stability of curved laminar compressible flows.

Lessen M.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 22-28 (英文)

000096

化学反应对平行流的层流稳定的无粘性判据的影响

Effect of chemical reaction on the inviscid criterion for laminar stability of parallel flows.

Shen S. F.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 11-21 (英文)

000097

論在旋轉流体中的强迫振动

On forced oscillations in rotating fluids.

Görtler H.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, 1-10 (英文)

000098

在自由表面上的圆柱体的实际質量

The virtual mass of cylindrical bodies at a free surface.

Stelson T. E., Murtha J. P.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 330-336 (英文)

000099

剛体对水的二維垂直对称冲击的适合橢圓的近似方法

Ellipse-fitting approximation of two-dimensional, normal symmetric impact of rigid bodies on water.

Fabula A. G.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 299-315 (英文)

000100

由振盪压力分佈的向前运动产生的波动

The waves generated by the forward motion of oscillatory pressure distributions.

Kaplan P.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 316-329 (英文)

000101

三角形截面和矩形截面管子的不可压摩擦因数轉变和流体动力的入口长度研究

Incompressible friction factor, transition and hydrodynamic entrance-length studies of ducts with triangular and rectangular cross sections.

Eckert E.R.G., Irvine T. F. Jr.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 122-145 (英文)

000102

不可压湍流附面层中平均速度分佈的近似方程

An approximate equation for the mean velocity distribution in an incompressible turbulent boundary layer.

Sandborn V. A.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 85-107 (英文)

000103

在粗糙管中湍流速度的分佈

The turbulent velocity distribution in rough pipe.

Robertson J. M.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 67-84 (英文)

000104

在不可压缩流中光滑平板上湍流表面摩擦的測量

Turbulent skin-friction measurements on a smooth flat plate in incompressible flow.

Smith D. W.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 108-121 (英文)

000105

週期脉动湍管流的传热特点

Heat-transfer characteristics of periodically pulsating turbulent pipe flow.

Mueller W. K.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 146-160 (英文)

0000106

認識湍流运动机构方面的进展

Advances in understanding the mechanism of turbulent fluid motion.

Munk M. M.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 160-170 (英文)

000107

由具有可变壁温的二維体层流热对流

Laminar convection of heat from two-dimensional bodies with variable wall temperatures.

Guha C. R., Yih C. S.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 29-40 (英文)

000108

水翼的举力和波阻

Lift and wave drag of hydrofoils.

Strandhagen A. G., Seikel G. R.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 351-364 (英文)

000109

迴轉体上推进减少力的一个简化理論——海洋上的应用

Marine applications—A simplified theory for the thrust deduction force on a body of revolution.

Breslin J. P.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 337-350 (英文)

000110

論量子流体动力学理論的公式化的可能性

On the possibility of the formulation of a quantum fluid dynamics theory.

Krzywoblocki M.Z.v., Whittenbury C. G.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 376-381 (英文)

000111

1957年热传导及流体力学会議报告

旋渦的耗散

The dying vortex.

Neufville A.D.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 365-375 (英文)

000112

高超声速粘性流中的反問題

An inverse problem in hypersonic viscous flow.

Li T. Y.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 201-223 (英文)

000113

在鈍头体的前滞止区中的流动

Flow in the forward stagnation region of blunt bodies.

Truitt R. W.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 238-249 (英文)

000114

电弧加热高超声速风洞在 $M=10-20$ 时的初步試驗結果

Preliminary test results with an arc-heated hypersonic wind tunnel at mach numbers of 10 to 20.

MacDermott W. N.

Proc. 5th midwest. conf. Fluid mech. held at Univ. Mich. 4/1/57, p. 224-237 (英文)

000115

根据气体动力学理論在低 M 数时的平面 Couette 流

Plane Couette flow at low mach number according to the kinetic theory of gases.

Yang H. T., Lees L.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 41-66 (英文)

000116

作用在分离两个超音速二維气流的鈍后緣上的压力(此二气流的 M 数及滞止压力不同,但滞止温度相同)

The pressure on a blunt trailing edge separating two supersonic two-dimensional air streams of different mach number and stagnation pressure but identical stagnation temperature.

Korst H. H.

Proc. 5th midwest. conf. Fluid mech., held at Univ. Mich. 4/1/57, p. 187-200 (英文)

000117

流体流动与液滴对固体表面冲击的結合

The fluid flow association with the impact of liquid drops with solid surfaces.

Savic P., Boulton G. T.

1957 Heat Transfer & Fluid Mech. Inst. 43-84 (英文)

000118

固体旋轉对插板产生的湍流的影响

The influence of solid body rotation on screen-produced turbulence.

Traugott S. C.

1957 Heat Transfer & Fluid Mech. Inst. 401-420 (英文)

000119

在中等雷诺数各向同性湍流对摆的若干影响

Some effects of isotropic turbulence on a pendulum at moderate reynolds number.

Schwarz W. H., Corrsin S.

1957 Heat Transfer & Fluid Mech. Inst., 421-434 (英文) 000120

可压缩湍流附面层的转换

Transformation of the compressible turbulent boundary layer.

Mager A.

1957 Heat Transfer & Fluid Mech. Inst., 85-98 (英文) 000121

在具有层流附面层轴对称流中因尖前缘圆柱体昇华而产生的质量转移的实验研究

Experimental investigation of mass transfer by sublimation from sharp-edged cylinders in axisymmetric flow with laminar boundary layer.

Christian W. J., Kezios S. P.

1957 Heat Transfer & Fluid Mech. Inst. 359-382 (英文) 000122

在加热板的层流附面层中的点火

Ignition in the laminar boundary layer of a heated plate.

Dooley D. A.

1957 Heat Transfer & Fluid Mech. Inst., 321-342 (英文) 000123

高超音速流中, 对凸出部的邻域表面上的传热

Heat transfer to surfaces in the neighborhood of protuberances in hypersonic flow.

Bloom M. H., Pallone A.

1957 Heat Transfer & Fluid Mech. Inst., 249-278 (英文) 000124

稳定的有限振幅的窝状火焰的分析

Analysis of steady, finite-amplitude cellular flames.

Markstein G. H.

1957 Heat Transfer & Fluid Mech. Inst., 295-320 (英文) 000125

在瞬变流中的点火

Ignition in transient flows.

Bitondo D., Thomas N., Perper D.

1957 Heat Transfer & Fluid Mech. Inst., 343-358 (英文) 000126

层流附面层激波相互作用的若干问题

Some problems of laminar boundary layer shock wave interaction.

Greber I., Hakkinen R. J., Trilling L.

1957 Heat Transfer & Fluid Mech. Inst., 138-158 (英文) 000127

高温空气的发射率

Emissivity of high temperature air.

Keck J., Kivel B., Wentink T. Jr.

1957 Heat Transfer & Fluid Mech. Inst., 279-294 (英文) 000128

在游离的空气中驻点传热的研究

An investigation of stagnation point heat transfer in dissociated air.

Rose P. H., Riddell F. R.

1957 Heat Transfer & Fluid Mech. Inst., 231-248 (英文) 000129

热平衡积分及其在有相变的问题上的应用

The heat balance integral and its application to problems involving a change of phase.

Goodman T. R.

1957 Heat Transfer & Fluid Mech. Inst., 383-400 (英文) 000130

热功率输入超过 10^5 瓦/公分²的固体表面的冷却
Cooling of solid surfaces with heat power inputs over 10^5 watts/cm².

Bloxson D. E. Jr.

1957 Heat Transfer & Fluid Mech. Inst., 159-172 (英文) 000131

靠近声喉管附近的层流附面层

The laminar boundary layer near a sonic throat.

Coles D.

1957 Heat Transfer & Fluid Mech. Inst., 119-137 (英文) 000132

尖楔的不定常层流附面层及相关的三维问题

The unsteady laminar boundary layer of a wedge, and a related three-dimensional problem.

Moore F. K.

1957 Heat Transfer & Fluid Mech. Inst., 99-118 (英文) 000133

流经钝前缘细长体的无粘性高超声速流

Inviscid hypersonic flow over blunt-nosed slender bodies.

Kubota T.

1957 Heat Transfer & Fluid Mech. Inst., 193-210 (英文) 000134

高超声速中正激波的一般性质

General properties of normal shock waves at hypersonic speeds.

Bradley J. C.

1957 Heat Transfer & Fluid Mech. Inst., 211-230 (英文) 000135

空气在高温下化学动力学: 高超声速空气动力学中一个问题

The chemical kinetics of air at high temperatures: A problem in hypersonic aerodynamics.

Feldman S.

1957 Heat Transfer & Fluid Mech. Inst., 173-192 (英文) 000136

由单旋涡与激波相互作用产生的声音

The sound generated by interaction of a single vortex with a shock wave.

Ram G. S., Ribner H. S.

1957 Heat Transfer & Fluid Mech. Inst., 1-22 (英文) 000137

1954—1955年第七届国际船舶流体动力学会会议文献

常务委员会报告

Standing committee report.
7th intern. conf. on ship hydrodynamics,
1954, 1955, No. 34, 321-324 (英文) 000138

決議与推薦

Decisions and recommendations.
7th intern. conf. on ship hydrodynamics, 1954.
1955, No. 34, 325-327 (英文) 000139

表面摩擦与湍性激动

Skin friction and turbulence stimulation.
7th intern. conf. on ship hydrodynamics,
1954, 1955, No. 34, 55-128 (英文) 000140

船的适于航行远洋的性质

Seagoing qualities of ships.
7th intern. conf. on ship hydrodynamics,
1954, 1955, No. 34, 247-296 (英文) 000141

螺旋桨的比較試驗

Comparative propeller tests.
7th intern. conf. on ship hydrodynamics,
1954, 1955, No. 34, 129-246 (英文) 000142

尺度效应对螺旋桨及自推进因数的影响

Scale effects on propellers and on self-propulsion factors.
7th intern. conf. on ship hydrodynamics,
1954, 1955, No. 34, 11-54 (英文) 000143

阻力与推进数据的介紹

Presentation of resistance and propulsion data.
7th intern. conf. on ship hydrodynamics,
1954, 1955, No. 34, 297-320 (英文) 000144

1953年宇宙星云气体动力学

開幕詞

Opening address.
Taylor G. I.
Gas Dynamics of Cosmic Clouds,
Sympos., Cambridge, Eng., July 6, 1953, 1-2
(英文) 000145

宇宙气体动力学的观测的远景

The observational background of cosmical gasdynamics.
Minkowski R.
Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 3-12 (英文) 000146

論宇宙气体团的收縮

On contraction in cosmic gaseous masses.
Hoyle F.
Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 181-185
(英文) 000147

現有問題及所建議解答的綜述

A survey of problems and suggested solutions.
Hulst H. C.
Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 42-45
(英文) 000148

气态星云的禁綫光譜

The forbidden line spectra of gaseous nebulae.
Seaton M. J.
Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 75-81 (英文) 000149

宇宙星云和銀河的形成。关于星际介質动力学的初步意見

Formation of cosmic clouds and galaxies.
Preliminary remarks on the dynamics of the interstellar medium.
Schlüter A.
Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 144-146
(英文) 000150

本討論会中关于空气动力学討論的摘要

Summary of the aerodynamical aspects of the symposium.
Burgers J. M.
Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 228-237
(英文) 000151

和螺旋形臂狀物起源有关的問題

Problems connected with the origin of spiral arms.
Weizsäcker C. F.
Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 167-171
(英文) 000152

銀河外的星球体系

Extragalactic stellar systems.
Blaauw A.
Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 13-19 (英文) 000153

关于宇宙星云的扩展和发光锋面的讨论

Discussion on the expansion of cosmic clouds and on luminous fronts.

Cowling T. G.

Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 159-162
(英文) 000154

关于H I 和H II区的运动

On the motion of HI and HII regions.

Schatzman E., Kahn F. D.

Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 163-166
(英文) 000155

银河构成的模型

A model for the formation of galaxies.

Sciama D. W.

Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 175-177
(英文) 000156H α -发射星云的初步分类系统A preliminary classification system for
H α -emission nebulae.

Bok B. J., Wade C. M.

Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 35-36 (英文)
000157

论银河的紊流理论

Contribution to the turbulence theory of
galaxies.

Hoerner S.

Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 172-174
(英文) 000158

凝聚的物理研究

Etude physique de l'accrétion.

Schatzman E.

Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 193-205
(法文) 000159

关于凝聚过程的一般讨论

General discussion on accretion processes.

Ledoux P.

Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 206-211
(英文) 000160

星体穿过云的运动: 凝聚

Motion of stars through clouds: accretion.

McCrea W. H.

Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 186-192
(英文) 000161

关于星际气体内紊流的结论

Concluding remarks on turbulence in the
interstellar gas.

Gold T.

Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 238-240
(英文) 000162

关于星际空间中气体和尘之间比例不变性的意见

Remarks on the constancy of the ratio be-
tween gas and dust in interstellar space.

Bok B. J.

Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 221-227
(英文) 000163

可压缩性对紊流的效应

The effect of compressibility on turbulence.

Lighthill M. J.

Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 121-130
(英文) 000164

可压缩气体内的紊流和磁场. 紊流和磁场

Turbulence and magnetic fields in a com-
pressible gas. Turbulence and magnetic
fields.

Batchelor G. K.

Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 117-120
(英文) 000165

关于星际磁场的意见

Remarks concerning interstellar magnetic
fields.

Biermann L.

Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 137-140
(英文) 000166

星际云内尘和气体之间的关系

The relation between dust and gas in inter-
stellar clouds.

Savardoff M. P.

Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 218-220
(英文) 000167

关于测定星云中紊流的讨论

Discussion on the measurement of turbulence
in nebulae.

Karman Th.

Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 134-136
(英文) 000168

发射区内观察到的内部运动

Internal motion observed in emission re-
gions.

Courtes G.

Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 131-133
(英文) 000169

关于银河内紊流的讨论

Discussion on turbulence in galaxies.

Cowling T. G.

Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 141-140
(英文) 000170

关于星际磁场的讨论

Discussion on interstellar magnetic fields.

Karman Th.

Gas Dynamics of Cosmic Clouds—Sympos.,
Cambridge, Eng., July 6, 1953, 141-143
(英文) 000171

星际云和O-联合的起源和加速度理论概要

Outline of a theory on the origin and acceleration of interstellar clouds and O-associations.

Oort J. H.

Gas Dynamics of Cosmic Clouds-Sympos.,
Cambridge, Eng., July 6, 1953, 147-158
(英文) 000172

辐射和撞击的激发

Radiative and collisional excitation.

Minkowski R.

Gas Dynamics of Cosmic Clouds-Sympos.,
Cambridge, Eng., July 6, 1953, 106-110
(英文) 000173

关于发光边缘和撞击激发的讨论

Discussion on luminous edges and collisional excitation.

Temple G.

Gas Dynamics of Cosmic Clouds-Sympos.,
Cambridge, Eng., July 6, 1953, 111-114
(英文) 000174

关于由吸收线和21厘米辐射所导出的星际气体内速度和密度分布的报告

Information on velocity and density distribution in the interstellar gas derived from absorption lines and 21-cm radiation.

Oort J. H.

Gas Dynamics of Cosmic Clouds-Sympos.,
Cambridge, Eng., July 6, 1953, 20-26 (英文)

关于激波和稀薄气体动力学的讨论

Discussion on shock waves and rarefied gas dynamics.

Temple G.

Gas Dynamics of Cosmic Clouds-Sympos.,
Cambridge, Eng., July 6, 1953, 97-105 (英文)
000176

激波和碰撞问题、第三部分, 关于强激波所产生的辐射和电离的实验

Shock waves and collision problems. Part III. Experiments on the radiation and ionization produced by strong shock waves.

Kantrowitz A.

Gas Dynamics of Cosmic Clouds-Sympos.,
Cambridge, Eng., July 6, 1953, 85-86
(英文) 000177

论星际介质的质量平衡

On the mass balance of the interstellar medium.

Biermann L.

Gas Dynamics of Cosmic Clouds-Sympos.,
Cambridge, Eng., July 6, 1953, 212-217
(英文) 000178

星际气体云的加热和冷却

The heating and cooling of interstellar gas clouds.

Kahn F. D.

Gas Dynamics of Cosmic Clouds-Sympos.,
Cambridge, Eng., July 6, 1953, 60-69 (英文)
000179

星际介质的能量平衡

The energy balance of the interstellar medium.

Savedoff M. P.

Gas Dynamics of Cosmic Clouds-Sympos.,
Cambridge, Eng., July 6, 1953, 55-59 (英文)
000180

关于气体动力学中导电性的讨论

Discussion on electrical conductivity in gas dynamics.

Bullard E. C.

Gas Dynamics of Cosmic Clouds-Sympos.,
Cambridge, Eng., July 6, 1953, 51-54 (英文)
000181

星际气体的物理条件, 第二部分. 星际气体的导电性

Physical conditions of interstellar gas. Part II. The electrical conductivity of the interstellar gas.

Schlüter A.

Gas Dynamics of Cosmic Clouds-Sympos.,
Cambridge, Eng., July 6, 1953, 46-50 (英文)
000182

麦哲伦云内某些扩散星云的特性

Characteristics of some diffuse nebulae in the Magellanic clouds.

Thackeray A. D.

Gas Dynamics of Cosmic Clouds-Sympos.,
Cambridge, Eng., July 6, 1953, 39-41 (英文)
000183

星际云内的若干特殊结构

Certain peculiar structures in interstellar clouds.

Shajn G.

Gas Dynamics of Cosmic Clouds-Sympos.,
Cambridge, Eng., July 6, 1953, 37-38 (英文)
000184

南方发射星云的照相研究

Photographic studies of southern emission nebulae.

Bok B. J.

Gas Dynamics of Cosmic Clouds-Sympos.,
Cambridge, Eng., July 6, 1953, 27-28 (英文)
000185

二个高度电离云的碰撞

The collision of two highly ionized clouds.

Kahn F. D.

Gas Dynamics of Cosmic Clouds-Sympos.,

Cambridge, Eng., July 6, 1953, 115-116

(英文)

000186

关于星际气体云内凝結和温度調节的討論

Discussion on condensation and temperature regulation in interstellar gas clouds.

Gas Dynamics of Cosmic Clouds-Sympos.,

Cambridge, Eng., July 6, 1953, 82-84 (英文)

000187

論一个气体星云内凝結的形成

On the formation of condensations in a gaseous nebula.

Zanstra H.

Gas Dynamics of Cosmic Clouds-Sympos.,

Cambridge, Eng., July 6, 1953, 70-74 (英文)

000188

最后全面的討論

Final general discussion.

Bondi H.

Gas Dynamics of Cosmic Clouds-Sympos.,

Cambridge, Eng., July 6, 1953, 241-247

(英文)

000189

1957年美国第三次固体力学会議文献

黏彈性支座上的刚性举力面在亚声势流或超声势流中的縱搖不稳定性

Pitching instability of rigid lifting surfaces on viscoelastic supports in subsonic or supersonic potential flow.

Hilton H. H.

Proc. 3rd midwest. conf. Solid mech. held

at Univ. Mich. 4/1/57, p. 1-19 (英文)

000190

翔翔直昇机螺旋桨稳定性的一个理論和实验研究

A theoretical and experimental investigation of the stability of a hovering helicopter rotor blade.

Zvara J.

Proc. 3rd midwest. conf. Solid mech. held

at Univ. Mich. 4/1/57, p. 113-134 (英文)

000191

在均佈外压力作用下圓錐形壳体的弹性稳定

Elastic stability of conical shells loaded by uniform external pressure.

Taylor C. E.

Proc. 3rd midwest. conf. Solid mech. held

at Univ. Mich. 4/1/57, p. 86-99 (英文)

000192

超声流中具有受压边缘曲板的颤动

Flutter of curved plates with edge compression in a supersonic flow.

Fung Y. C.

Proc. 3rd midwest. conf. Solid mech. held

at Univ. Mich. 4/1/57, p. 86-99 (英文)

000193

在不可压缩流和超声流中弯曲-扭轉颤动的敏感性

Bending-torsion flutter sensitivity in incompressible and supersonic flow.

Richardson A. S. Jr.

Proc. 3rd midwest. conf. Solid mech. held

at Univ. Mich. 4/1/57, p. 206-220 (英文)

000194

加入附加黏滯彈性材料的彈性桿和夾心板的振动阻尼

Damping of vibrations in elastic rods and sandwich structures by incorporation of additional viscoelastic material.

Plass H. J. Jr.

Proc. 3rd midwest. conf. Solid mech. held

at Univ. Mich. 4/1/57, p. 48-71 (英文)

000195

受扭旋轉梁的弯曲振动

The bending vibrations of a twisted rotating beam.

Targoff W. P.

Proc. 3rd midwest. conf. Solid mech. held

at Univ. Mich. 4/1/57, p. 177-194 (英文)

000196

漸尖形梁具有偏歪約束的扭轉

Torsion with warping restraint of tapered beams.

Goulard M., Lo H., Bollard R. J. H.

Proc. 3rd midwest. conf. Solid mech. held

at Univ. Mich. 4/1/57, p. 100-112 (英文)

000197

阻尼对简单体系振动频率的效应

Effect of damping on vibration frequencies of simple systems.

Malvern L. E.

Proc. 3rd midwest. conf. Solid mech. held

at Univ. Mich. 4/1/57, p. 195-205 (英文)

000198

在桿内截面不連續处弹性脉动的反射和传递

Reflection and transmission of elastic pulses in a bar at a discontinuity in cross section.

Ripperger E. A., Abramson H. N.

Proc. 3rd midwest. conf. Solid mech. held

at Univ. Mich. 4/1/57, p. 135-145 (英文)

000199

弹性地基上的铁木辛柯梁

The timoshenko beam on an elastic foundation.

Crandall S. H.

Proc. 3rd midwest. conf. Solid mech. held at Univ. Mich. 4/1/57, p. 146-159 (英文)

000200

論柔性裝置的旋轉叶片

On rotating blades with flexible mounting. Lo H., Danforth C. E.

444r

Proc. 3rd midwest. conf. Solid mech. held at Univ. Mich. 4/1/57, p. 160-176 (英文)

000201

任意厚度无限极内的热应力

Thermal stresses in an infinite plate of arbitrary thickness.

McDowell E. L.

Proc. 3rd midwest. conf. Solid mech. held at Univ. Mich. 4/1/57, p. 72-85 (英文)

000202

动力塑性中的近似屈服条件

Approximate yield conditions in dynamic plasticity.

Hodge P. G. Jr., Paul B.

Proc. 3rd midwest. conf. Solid mech. held at Univ. Mich. 4/1/57, p. 29-47 (英文)

000203

論一个热-黏滞弹性固体的运动

On the motion of a thermo-viscoelastic solid. Lessen M.

Proc. 3rd midwest. conf. Solid mech. held at Univ. Mich. 4/1/57, p. 20-28 (英文)

000204

1959 試驗应力分析文献

渦輪斗的疲劳試驗

Fatigue testing of turbine buckets

Herzog A.

Proc. Soc. Exptl. Stress Analysis, 1959, 15, No. 1, 21-34 (英文)

000205

光弹性法确定电子管封皮頂盖內的残余应力

Photoelastic determination of the residual stress in the dome of electron tube envelopes

Riney T. D.

Proc. Soc. Exptl. Stress Analysis, 1959, 15, No. 1, 161-170 (英文)

000206

与測量硬化鋼中残余应力的分析法比較对測量应力的X-射线衍射法的一个估价

An evaluation of the X-ray diffraction method of stress measurement with a comparison to dissection methods of residual stress measurement in hardened steel.

Miller M., Mantel E., Coleman W.

Proc. Soc. Exptl. Stress Analysis, 1959, 15, No. 1, 101-112 (英文)

000207

记录大瞬时移动的多重曝光的静止照象术

Multiple-exposure still-photography for recording large transient displacements.

Ayre R. S., Glendinning R. L.

Proc. Soc. Exptl. Stress Analysis, 1959, 15, No. 1, 147-154 (英文)

000208

格子的缺点和应变計的因素

Lattice defects and strain-gage factors.

Kammer E. W., Vigness I.

Proc. Soc. Exptl. Stress Analysis, 1959, 15, No. 1, 179-184 (英文)

000209

在考虑材料和滑动阻尼的共振振动作用下的疲劳

Fatigue under resonant vibrations considering both material and slip damping.

Lazan B. J.

Proc. Soc. Exptl. Stress Analysis, 1959, 15, No. 1, 1-20 (英文)

000210

燃气渦輪叶片高温疲劳試驗用的机器

A machine for high temperature fatigue testing of gas turbine buckets.

Anderson J. O., Sanborn C. F.

Proc. Soc. Exptl. Stress Analysis, 1959, 15, No. 2, 11-20 (英文)

000211

热应力和热应力疲劳

Thermal stress and thermal stress fatigue. Coffin L. F. Jr.

Proc. Soc. Exptl. Stress Analysis, 1959, 15, No. 2, 117-130 (英文)

000212

圓柱体内的残余应力

Residual stresses in cylinders.

Weiss V.

Proc. Soc. Exptl. Stress Analysis, 1959, 15, No. 2, 53-56 (英文)

000213

应力扩散問題的实验解

Experimental solution of stress diffusion problems.

Riparbelli C.

Proc. Soc. Exptl. Stress Analysis, 1959, 15, No. 2, 73-84 (英文)

000214

在实践中的热应力問題

Thermal stress problems in practice.

Blaser R. U.

Proc. Soc. Exptl. Stress Analysis, 1959, 15, No. 2, 131-142 (英文)

000215

光弹性模型材料 CR-39 的靜力和动力校准

Static and dynamic calibration of a photoelastic model material, CR-39.

Sutton G. W.

Proc. Soc. Exptl. Stress Analysis, 1959, 15, No. 2, 111-112 (英文)

000216