

爆炸与冲击 1991年(第11卷)分类题目索引

爆燃与爆轰

炸药多点引爆的实验研究.....	于君 付兴海 章冠人	1 (46)
爆轰传播理论的解析研究方法(二).....	孙承纬	1 (84)
正庚烷云雾爆轰特性的研究.....	胡林 章冠人 林其文 李招宁 孙珠琳 丁玉珍	2 (117)
多孔颗粒火药床燃烧转爆轰的敏感性研究.....	于津平 高耀林 范敦文 王苏源	2 (139)
爆轰传播理论的解析研究方法(三).....	孙承纬	2 (182)
热爆炸临界状态的变分特性.....	秦承林	3 (217)
爆轰传播理论的解析研究方法(四).....	孙承纬	3 (279)
爆轰传播理论的解析研究方法(五).....	孙承纬	4 (366)

冲击波

激波绕半菱形柱体运动的实验研究和数值模拟.....	张德良 I.I.格拉斯	2 (127)
空气冲击波重复作用的生物效应..... 杨志煊 唐承功 王正国 姚德胜 刘正邦 陈田	2 (170)
准一维拉氏分析方法及其在凝聚炸药冲击波起爆研究中的应用.....	沈石 丁敏	3 (224)
非理想爆源产生的爆炸场数值模拟.....	彭金华 汤明钧	4 (289)
火箭燃气射流冲击场的实验研究.....	闵大鹏 苗鹏程 王海林 贾安之	4 (309)
触、近水面爆炸自由场冲击波特性的试验研究.....	李润珊 易嘉钰 陶崇铨 沈国光	4 (331)

弹塑性波

硬化材料中弹塑性柱面波的数值方法.....	王肖钧 胡秀章 李永池	2 (97)
正多边形板的塑性动力响应——小挠度分析和大挠度分析.....	陈发良 余同希	2 (106)
一定初缺陷杆在轴向冲击下弹塑性动态屈曲有限元计算.....	揭敏	2 (153)
分析薄壳塑性动力响应问题的一种数值方法.....	刘福林	2 (161)
有限长界面裂纹对冲击载荷的响应.....	王晓东 邹振祝 王峰	3 (193)
层状弹塑性板动力变形的数值研究.....	B. D. Annin, V. M. Sadovskii	3 (206)
圆支浅圆拱受子弹撞击的实验研究.....	李庆明 赵隆茂	3 (238)

物态方程 本构关系

用 Eshelby 理论研究复合材料线粘弹性本构关系.....	杨黎明 王礼立	3 (244)
---------------------------------	---------	---------

高速碰撞

高速弹丸撞靶的侵入参数的统计分析.....	张俊华	3 (258)
-----------------------	-----	---------

土岩及工程爆破

切槽爆破中V形切槽产生的力学效应研究.....	杜云贵 张志呈 李通林	1 (26)
爆炸破碎区域划分的模糊数学方法.....	高尔新 杨善元	1 (58)
地下深孔爆破中矿岩结构面的调查统计与应用.....	陶纪南 张占国 张克利 黎培中	1 (64)
硬岩中地下爆炸的自由场位移衰减规律.....	楼涛涛 田兵 李建文	2 (146)
不耦合装药爆炸应力场的动光弹研究.....	朱振海 曲广建 孙强 杨永琦	3 (252)
聚能药包爆炸切割原理及其试验研究.....	张继春 李平 张志呈	3 (265)
对称表面动载下有限块体的破裂过程.....	武伟	3 (273)

起爆时间差对孔间裂纹缝贯穿影响的动光弹研究…… 朱振海 曲广建 杨永琦 高 健 4 (346)

爆炸加工

多层爆炸复合中的成波研究…… 张 凯 姜进一 高均波 1 (37)

高压电极爆炸成形法…… 张 芮 张铁生 1 (72)

双金属爆炸焊接上限…… 李晓杰 2 (134)

铝粉爆炸烧蚀对粉末初始参数依赖关系的研究…… 王年生 4 (315)

抗爆工程与爆炸安全技术

线形装药强爆炸地震反应谱与地震力计算…… 李 铮 杨升田 1 (1)

亚麻尘在 1 米³ 试验装置内的爆炸泄压研究…… 王宝兴 马克辛 张银花 1 (52)

爆炸冲击波作用下高层建筑基础与地基间的滑移与翘离…… 赵振东 蔡永恩 熊建国 4 (321)

炸药和爆炸器材

压装 TNT 的 SDDT 特性研究…… 刘家聪 丁大玉 蒋学云 贾建新 姬秀清 1 (11)

一种新的耐热炸药——3,3-二氨基-2,2',4,4',6,6'-六硝基二苯胺钾……

…… 吕春绪 吕早生 1 (80)

多孔颗粒火药床燃烧转爆轰的敏感性研究…… 于津平 高耀林 范钦文 王荪源 2 (139)

实验方法与实验技术

使用变象管相机研究高压长间隙放电现象…… 胡绍楼 李慧君 2 (177)

激光引爆起爆药的机理及其爆轰流场的干涉法研究……

…… 闵大鹏 苗鹏程 王海林 贺安之 3 (230)

不耦合装药爆炸应力场的动光弹研究…… 朱振海 曲广建 孙 强 杨永琦 3 (252)

脉冲电子束产生喷射冲量的实验研究…… 李清源 王国庆 吴军 栗培义 4 (339)

泄爆管瞬态火焰温度光谱法测量…… 罗蕊华 王俊德 陈作如 4 (359)

数值模拟和计算

延性材料层裂的数值模拟…… 王泽平 恽寿榕 1 (20)

内含运动物体的非定常流场计算…… 马大为 1 (31)

爆炸破碎区域划分的模糊数学方法…… 高尔新 杨善元 1 (58)

硬化材料中弹塑性柱面波的数值方法…… 王肖钧 胡秀章 李永池 1 (97)

激波绕半菱形柱体运动的实验研究和数值模拟…… 张德良 I. I. 格拉斯 2 (127)

一定初缺陷杆在轴向冲击下弹塑性动态屈曲有限元计算…… 揭 敏 2 (153)

分析薄壳塑性动力响应问题的一种数值方法…… 刘福林 2 (161)

层状弹塑性板动力变形的数值研究…… B. D. Annin V. M. Sadvskii 3 (206)

平面磁通量压缩流体动力学的数值模拟…… L. L. Altgilbers, S. T. Wu, Y. C. Xiao 4 (297)

非理想爆源产生的爆炸场数值模拟…… 彭金华 汤明钧 4 (289)

聚能罩压垮图形的计算机处理…… 高尔新 4 (353)

讲 座

爆轰传播理论的解析研究方法(二)…… 孙承纬 1 (84)

爆轰传播理论的解析研究方法(三)…… 孙承纬 2 (182)

爆轰传播理论的解析研究方法(四)…… 孙承纬 3 (279)

爆轰传播理论的解析研究方法(五)…… 孙承纬 4 (366)

EXPLOSION AND SHOCK WAVES 1991 (Vol. 11)
ANALYTIC SUBJECT INDEX

Deflagration and Detonation

- Experimental studies on the detonation of an explosive by multi-point initiation
..... Yu Jun, Fu Xinghai, Zhang Guanren 1 (4 6)
- Analytic methods in the theory of detonation propagation II Sun Chengwei 1 (8 4)
- Studies of the detonation characteristics of heptane cloud Hu Dong,
Zhang Guanren, Lin Qiwen, Li Zhaoning, Sun Zhumei, Ding Yuzheng 2 (1 1 7)
- A study on DDT sensitivity of porous granular propellants
..... Yu Jinping, Gao Yaolin, Fan Qinwan, Wang Sunyuan 2 (1 3 9)
- Analytic methods in the theory of detonation propagation III Sun Chengwei 2 (1 8 2)
- Variational property for critical state of thermal explosion Qin Chengsen 3 (2 1 7)
- Analytic methods in the theory of detonation propagation IV Sun Chengwei 3 (2 7 9)
- Analytic methods in the theory of detonation propagation V Sun Chengwei 4 (3 6 6)

Shock Waves

- Experimental investigation and numerical simulation for the shock wave movement
over a half diamond cylinder Zhang Deliang, I. I. Glass 2 (1 2 7)
- The biological effects under repeated air blast shock waves Yang Zhihuan,
Tang Chengong, Wang Zhengguo, Yao Desheng, Liu Zhengbang, Chen Tian 2 (1 7 0)
- Quasi-one-dimensional Lagrange analysis and its application for shock initiation in
condensed explosives Huan Shi, Ding Jing 3 (2 2 4)
- Numerical simulation of blast fields from non-ideal explosion sources
..... Peng Jinhua, Tang Mingjun 4 (2 8 9)
- Studies on the experiments of impingement field of rocket exhausted jet
..... Yan Dapeng, Miao Pengcheng, Wang Hailing, He Anzhi 4 (3 0 9)
- Experimental studies of shock properties generated by explosions on or just above
water surface in free field
..... Li Runshan, Yin Jiayu, Tao Chongzhu, Shen Guoguang 4 (3 3 1)

Elastic-Plastic Waves

- A computational method of cylindrical elastic - plastic waves in strain hardening
materials Wang Xiaojun, Hu Xiuzhang, Li Yongchi 2 (9 7)
- Dynamic plastic response of regular polygonal plates
..... Chen Faliang, Yu Tongxi 2 (1 0 6)
- Finite element calculation on elastic-plastic dynamic buckling of a bar with finite
initial imperfection under axial impact Jie Min 2 (1 5 3)

- A numerical method of analysing plastic dynamic response of thin shells
 Liu Fulin 2 (1 6 1)
- Impact response of a finite interface crack
 Wang Xiaodong, Zou Zhenzhu, Wang Duo 3 (1 9 3)
- The numerical research of the layered elastic-plastic plates dynamic deformation
 B. D. Annin, V. M. Sadovskii 3 (2 0 6)
- Experimental investigation of clamped shallow arches subjected to projectile impact
 Li Qingming, Zhao Longmao 3 (2 3 8)
- Equation of state, Constitutive Relation**
- An investigation on the linear viscoelastic constitutive relation for a composite on
 the basis of Eshelby's theory Yang Liming, Wang Lili 3 (2 4 4)
- High-Velocity Impact**
- Statistical analysis of the penetration parameters for projectiles impact on targets
 Zhang Junhua 3 (2 5 8)
- Engineering Blast and Blast in Soil and Rocks**
- Studies on the mechanical effects produced by the V - shaped notch borehole blas -
 ting Du Yungui, Zhang Zhicheng, Li Tonglin 1 (2 6)
- Classification of crack zones by blasting using the method of fuzzy theory
 Gao Erxin, Yan Shonyuan 1 (5 8)
- Investigation and statistics of structural plane of mineral mass under long
 hole underground blasting and its applications
 Tao Jinan, Zhang Zhangou, Zhang Keli, Li Peizhong 1 (6 4)
- The free-field displacement of underground explosion in hard rock
 Lou Weitao, Tian Bing, Xin Jianwen 2 (1 4 6)
- Dynamic photoelastic investigation of the action of decouple
 Zhu Zhenhai, Qu Guangjian, Sun Qiang, Yang Yongqi 3 (2 5 2)
- Cutting theory of cumulative charge explosion and its test study
 Zhang Jichun, Li Ping, Zhang Zhicheng 3 (2 6 5)
- Fracture process of a finite block under symmetric dynamic loadings ... Wu Wei 3 (2 7 3)
- Dynamic photoelastic studies in the influence of delay ignition on the penetration
 of Cracks between boreholes
 Zhu Zhenhai, Qu Guangjian, Yang Yongqi, Shang Jian 4 (3 4 6)
- Explosive Working**
- Wave form studies of multilayer explosive cladding
 Zhang Kai, Xi Jinyi, Gao Junbo 1 (3 7)
- Manufacture of high-voltage terminal by explosive method
 Zhang Rui, Zhang Tiesheng 1 (7 2)

- The upper limit of bimetal explosive welding parameters Li Xiaojie 2 (1 3 4)
- Studies on the effects of initial powder characteristics on the explosive compaction
of tungsten powder Wang Niansheng 4 (3 1 5)
- Blast Protection Engineering and Explosion Safety Technology**
- Response spectrum of strong explosion earthquake and earthquake force calculation
by linear charge Li Zheng, Yang Shongtian 1 (1)
- The experimental studies on flax dust-air relief explosion
..... Wang Baoxing, Zhang Yinhua, Ma Kexing 1 (5 2)
- Slidling and uplift response of high-rise building to explosive impulsive loading ...
..... Zhao Zhendong, Cai Yongen, Xiong Jianguo 4 (3 2 1)
- Explosive and Explosive Component**
- Studies in SDDT behavior of pressed TNT
..... Liu Jiacong, Ding Dayu, Jiang Xueyun, Jia Jianxin Ji Xiuqing 1 (1 1)
- A new thermostable explosive — potassium 3, 3' -diamino-2, 2', 4, 4', 6, 6' -he-
xanitro-diphenylamide Lu chunxu, Lu Zhaoxeng 1 (8 0)
- A study on DDT sensitivity of porous granular propellants
..... Yu Jinping, Gao Yaolin, Fan Qinwan, Wang Sunyuan 2 (1 3 9)
- Experimental Methods and Techniques**
- Studies on the high voltage long gap discharge by using the image converter camera
..... Hu Shaolou, Li Huijun 2 (1 7 7)
- Research on the mechanism of detonation of the primary high explosive by laser
and the interferometry of the explosion flow field
..... Yan Dapeng, Miao Pengcheng, Wang Hailin, He Anzhi 3 (2 3 0)
- Dynamic photoelastic investigation of the action of decouple
..... Zhu Zhenhai, Qu Guangjian, Sun Qiang, Yang Yongqi 3 (2 5 2)
- Experimental studies of blow-off impulse generated by a pulse electron beam
..... Li Qingyuan, Wang Guoqing, Wu Jun, Li Peiyi 4 (3 3 9)
- Spectroscopic measurement for temporal flame temperature of the detonating fusee
..... Luo Yunhua, Wang Junde, Chen Zuorn 4 (3 5 9)
- Numerical Modeling and Computations**
- Numerical calculations of spallation in ductile solids
..... Wang Zeping, Yun Shourong 1 (2 0)
- The calculation of unsteady flow field with a moving body Ma Dawei 1 (3 1)
- Classification of crack zones by blasting using the method of fuzzy theory
..... Gao Erxin, Yan Shonyuan 1 (5 8)
- A computational method of cylindrical elastic-plastic waves in strain hardening ma-
terials Wang Xiaojun, Hu Xiuzhang, Li Yongchi 2 (9 7)

Experimental investigation and numerical simulation for the shock wave movement over a half diamond cylinder	Zhang Deliang, I. I. Glass	2 (1 2 7)
Finite element calculation on elastic-plastic dynamic buckling of a bar with finite initial imperfection under axial impact	Jie Min	2 (1 5 3)
A numerical method of analysing plastic dynamic response of thin shells	Liu Fulin	2 (1 6 1)
The numerical research of the layered elastic-plastic plates dynamic deformation	B. D. Annin, V. M. Sadvskii	3 (2 0 6)
A numerical magnetohydrodynamic simulation of magnetic flux compression - planar geometry	L. L. Altgibers, S. T. Wu, Y. C. Xiao	4 (2 9 7)
Numerical simulation of blast fields from non-ideal explosion sources	Peng Jinhua, Tang MingJun	4 (2 8 9)
Computer processing on shaped charge collapse image	Gao Erxin	4 (3 5 3)

Lectures

Analytic methods in the theory of detonation propagation II	Sun Chengwei	1 (8 4)
Analytic methods in the theory of detonation propagation III	Sun Chengwei	2 (1 8 2)
Analytic methods in the theory of detonation propagation IV	Sun Chengwei	3 (2 7 9)
Analytic methods in the theory of detonation propagation V	Sun Chengwei	4 (3 6 6)