

内燃机学报

第 42 卷 第 2 期 (总 212 期) 2024 年

目 次

- 42-012 基于内窥可视化的大排量柴油机燃烧特性
.....倪 佐, 常伟杰, 王定文, 张 慧, 谷 峰, 董 全 (97)
- 42-013 预燃室结构参数对汽油机稀薄燃烧的影响
.....陈 泓, 祁宏钟, 江枭枭, 杜家坤, 冶 麟, 张宗澜 (106)
- 42-014 氢气氛围下微波辅助点火机理
.....王兆文, 刘超辉, 吴慧珉, 许景星, 成晓北 (114)
- 42-015 柴油机醛类非常规污染物化学动力学机理构建
.....张 韦, 庞晨晨, 陈朝辉, 毕克刚 (124)
- 42-016 预燃室及喷射阀对双燃料发动机性能的影响
.....周洪杰, 张 明, 席鸿远, 周 松, 任建军, 莫 杰 (134)
- 42-017 Ag/Al₂O₃对船舶发动机尾气 HC 与 NO_x 协同催化净化
.....杨新伟, 郭江峰, 周伟中 (144)
- 42-018 压燃式二冲程对置活塞转盘发动机一维性能仿真
.....何 旭, 丁昊宇, 李耀宗, 符璐鑫, 李海鹰, 许 锲 (153)
- 42-019 气动激励下的涡轮增压器整机振动分析与试验
.....秦励伟, 刘贵升, 盆义红, 刘 海, 景国玺, 张 昊 (161)
- 42-020 衔铁偏心对高速电磁阀全工况电磁力的影响
.....刘 鹏, 张如琴, 欧阳宇文, 范立云 (169)
- 42-021 考虑机组弹性的双层隔振系统刚度匹配方法
.....宋世哲, 黄 燕, 董大伟, 闫 兵 (176)
- 42-022 车用小型化内燃机余热回收 ORC 系统试验
.....石晓磊, 高 妍, 田 华, 王 轩 (185)

Chinese Society for Internal Combustion Engines

TRANSACTIONS OF CSICE

Vol.42 No.2 (Sum 212) 2024

CONTENTS

- 42-012** Combustion Characteristics of a Large Displacement Diesel Engine Based on Endoscope Visualization
.....Ni Zuo, Chang Weijie, Wang Dingwen, Zhang Hui, Gu Feng, Dong Quan (97)
- 42-013** Effect of Pre-Chamber Structure Parameters on Lean-Burn Characteristics for a Gasoline Engine
.....Chen Hong, Qi Hongzhong, Jiang Xiaoxiao, Du Jiakun, Ye Lin, Zhang Zonglan (106)
- 42-014** Mechanism of Microwave-Assisted Ignition in Argon Atmosphere
.....Wang Zhaowen, Liu Chaohui, Wu Huimin, Xu Jingxing, Cheng Xiaobei (114)
- 42-015** Construction of Chemical Kinetics Mechanism of Aldehydes Unregulated Pollutants from Diesel Engines
.....Zhang Wei, Pang Chenchen, Chen Zhaohui, Bi Kegang (124)
- 42-016** Effect of Pre-Chamber and Injection Valve on the Performance of a Dual-Fuel Engine
.....Zhou Hongjie, Zhang Ming, Xi Hongyuan, Zhou Song, Ren Jianjun, Mo Jie (134)
- 42-017** Synergistically Catalytic Removal of HC and NO_x from Marine Engine Using Ag/Al₂O₃
.....Yang Xinwei, Guo Jiangfeng, Zhou Weizhong (144)
- 42-018** One Dimensional Simulation on the Performance of a 2-Stroke Opposed Piston Cam-Plate Engine with
Compression Ignition.....He Xu, Ding Haoyu, Li Yaozong, Fu Luxin, Li Haiying, Xu Kai (153)
- 42-019** Vibration Measurement and Analysis of a Turbocharger Under Aerodynamic Excitation
.....Qin Liwei, Liu Guisheng, Pen Yihong, Liu Hai, Jing Guoxi, Zhang Hao (161)
- 42-020** Influence of Armature Eccentricity on Electromagnetic Force of High-Speed Solenoid Valve in All Operating
Conditions.....Liu Peng, Zhang Ruqin, Ouyang Yuwen, Fan Liyun (169)
- 42-021** Stiffness Matching Method of Double-Layer Vibration Isolation System with Flexible Diesel Generator Set
.....Song Shizhe, Huang Yan, Dong Dawei, Yan Bing (176)
- 42-022** Experimental of Miniaturized Organic Rankine Cycle System for Waste Heat Recovery of an Automotive
Engine.....Shi Xiaolei, Gao Yan, Tian Hua, Wang Xuan (185)