<table>
<tr><td>姓　名</td><td>郝育新</td><td>性　别</td><td>男</td><td>出生年月</td><td>197202</td><td rowspan="5">照片</td></tr>
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<tr><td rowspan="2">所属学科及学科方向</td><td colspan="3">智能机械装备设计</td><td>研究方向 1</td><td colspan="2">智能结构非线性动力学与控制</td></tr>
<tr><td colspan="3">智能机械装备设计与控制</td><td>研究方向 2</td><td colspan="2">智能可变体结构动力学与控制</td></tr>
<tr><td>工作简历</td><td colspan="6">1. 1999/07-至今，　北京信息科技大学，机电工程学院
2. 2007/08-2007/10　香港城市大学助理研究
3 2010/10-2010/11　墨尔本皇家理工大学航空航天学院合作研究</td></tr>
<tr><td>科研项目情况</td><td colspan="6">1. 国家自然科学基金面上项目，10972026，复杂边界条件下功能梯度材料板壳结构的非线性动力学研究，2010/01-2012/12 至今，30 万元，主持
2. 国家自然科学基金面上项目，11272063，功能梯度圆柱/圆锥扁壳气动热弹性非线性动力学行为研究，2013/01-2016/12，80 万元，主持
3 国家自然科学基金面上项目，11472056，功能梯度夹层双曲抛物壳非线性动力学研究，2015/01-2018/12，82 万元，主持
4 国家自然科学基金面上项目，11872127，压电宏纤维复合材料智能驱动双稳态板的非线性动力学研究，2019/01-2022/12，63 万元，主持
5 国家自然科学基金重点项目，大型柔性航天器姿态运动与结构振动的耦合动力学特性研究，2018/01-2022/12，85 万元，参与</td></tr>
<tr><td>主要科研成果</td><td colspan="6">代表性学术成果：

1. Y.X. Hao, M.X. Wang, W. Zhang, S.W. Yang, L.T. Liu, Y.H. Qian，Bending-torsion coupling bursting oscillation of a sandwich conical panel under parametric excitation，Journal of Sound and Vibration 495, 2021, 115904
2. YX Hao, MX Wang, W Zhang, LT Liu, and SW Yang，Natural vibration of imperfect sandwich plates considering the effects of transverse stretching，Journal of Vibration and Control 2021, DOI: 10.1177/10775463211013153
3. Y. X. Hao, Z. Cao, W. Zhang, J. Chen and M. H. Yao, Stability analysis for geometric nonlinear functionally graded sandwich, Composite Structures 210, 2019. 202-216
4. Y. X. Hao, K. F. Zhao, W. Zhang and S. W. Yang, Nonlinear dynamics and dynamic instability of smart structural cross-ply laminated cantilever plates with MFC layer using zigzag theory, Applied Mathematical Modelling 79, 2020, 639-671.
5. Y. X. Hao, Y. Niu, W. Zhang, M. H. Yao and S. B. Li, Nonlinear vibrations of FGM circular conical panel under in-plane and transverse excitation, Journal of Vibration Engineering & Technologies 6, 2018, 453-469.</td></tr>
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	6. Y. X. Hao, Z. N. Li, W. Zhang, S. B. Li and M. H. Yao, Vibration of functionally graded sandwich doubly curved shells using improved shear deformation theory, ***Science China-Technological Sciences*** 61, 2018,791-808. **7. Y. X. Hao**, W. Li, W. Zhang, S. B. Li and M. H. Yao, Nonlinear dynamics of clamped initial imperfect functionally graded material circular cylindrical shell considering the axisymmetric mode, ***Advances in Applied Mathematics and Mechanics*** 10, 2018, 159-183. **8. Y. X. Hao**, S. W. Yang, W. Zhang, M. H. Yao and A. W. Wang, Flutter of high-dimension nonlinear system for a FGM truncated conical shell, ***Mechanics of Advanced Materials and Structures*** 25, 2018, 47-61. **9. Y. X. Hao**, Y. Niu, W. Zhang, M. H. Yao and A. W. Wang, Supersonic flutter analysis of FGM shallow conical panel accounting for thermal effects, ***Meccanica*** 53, 2018, 95-109. 10. H. Li, **Y.X. Hao**, W. Zhang, L.T. Liu, S.W. Yang, D.M. Wang，Vibration analysis of porous metal foam truncated conical shells with general boundary conditions using GDQ，***Composite Structures*** 269, 2021, 114036. 11. C.X. Qiang, **Y.X. Hao**, W. Zhang, J.Q. Li, S.W. Yang, Y.T. Cao, Bandgaps and vibration isolation of local resonance sandwich-like plate with simply supported overhanging beam, ***Appl. Math. Mech. -Engl. Ed.*** 42(11), 2021,1555{1570. 12. W. Li, **Y.X Hao**, W. Zhang, H. Yang，Resonance response of clamped functionally graded cylindrical shells with initial imperfection in thermal environments，***Composite Structures*** 259, 2021, 113245. 13. S.W. Yang, **Y.X. Hao**, L. Yang, L.T. Liu, Nonlinear vibrations and chaotic phenomena of functionally graded material truncated conical shell subject to aerodynamic and in-plane loads under 1:2 internal resonance relation, ***Archive of Applied Mechanics*** 9, 2021, 883-917. 14. X. J. Gu, **Y. X. Hao**, W. Zhang and J. Chen, Dynamic stability of rotating cantilever composite thin walled twisted plate with initial geometric imperfection under in-plane load, ***Thin-Walled Structures*** 144, 106267, 2019. 15. X. J. Gu, **Y. X. Hao**, W. Zhang, L. T. Liu and J. Chen, Free vibration of rotating cantilever pre-twisted panel with initial exponential function type geometric imperfection, ***Applied Mathematical Modelling*** 68, 327-352, 2019. 16. Z. N. Li, **Y. X. Hao**, W. Zhang and J. H. Zhang, Nonlinear transient response of functionally graded material sandwich doubly curved shallow shell using new displacement field, ***Acta Mechanica Solida Sinica*** 31, 108-126, 2018. 17. L. T. Liu, **Y. X. Hao**, W. Zhang and J. Chen, Free vibration analysis of rotating pretwisted functionally graded sandwich blades, ***International Journal of Aerospace Engineering***, 2727452, 2018. 18. Y. Niu, **Y. X. Hao**, M. H. Yao, W. Zhang and S. W. Yang, Nonlinear dynamics of imperfect FGM conical panel, ***Shock and Vibration***, 4187386, 2018.
获奖情况	1. 2021 获北京信息科技大学优秀共产党员称号 2. 多次获育人先锋和三育人称号
开授课程	研究生课程：弹性理论基础，机械振动理论，学科前沿讲座

参加学术团体	1. 中国振动工程学会理事、中国振动工程学会非线性振动专业委员会委员； 2. 中国图学学会理事、中国图学学会团体标准化技术专家委员会委员；中国图学学会科普工作委员会委员； 3. 北京图学学会常务理事、北京图学学会青年委员会主任。
备注	