

# Design and motion performance of new inspection robot for Steam Generator heat transfer tubes

Biying Xu, Ge Li, Zhenming Xing, Jie Zhao and Jizhuang Fan\*  
State Key Laboratory of Robotics and System,  
Harbin Institute of Technology, China

- Remote control inspection robot for Steam Generator heat transfer tubes
- Structural modeling and kinematic
- Modular control system
- Tube sheet motion experiments and performance analysis

