

1. * . Delta 2008
29(2): 487-491.**EI 081611206956**
2. * .
2008 19(14): 1649-1653.**EI 083511488177**
3. * .
2008 29(1): 117-120. **EI080811110566**
4. * .
2008, 29(S1) 192-196.**EI 083211444848**
5. Zhili Sun, Yang Qiang*, Yan Ming et al. Kinematics Reliability and Simulation of 3-RPS Parallel Robot, Proceeding of 12th ISSAT International Conference on Reliability and Quality in Design, Chicago, 2006: 263-268.**EI 20134717002168**
6. Zhili Sun, Yang Qiang*, Yan Ming et al. The Application of Virtual Prototype Technology to Kinematics Reliability of Parallel Robot. International Conference on Reliability Maintainability and Safety, Beijing, 2007: 848-853.
7. * . 3-RPS
2007,26(6): 780-783.
8. * . C ADAMS
2006.1 101-103.
9. Yang Qiang*, Zhili Sun, Yan Ming et al. Kinematics Reliability of Improved Delta Parallel Mechanism, Proceeding of 13th ISSAT International Conference on Reliability and Quality in Design, Washington, 2007: 280-284.**EI 20134316896427**
- 10.Yang Qiang*,Sun Zhi-Li,Lei Dong-lianget al.Kinematic reliability and sensitivity analysis of delta parallel mechanism, Proceeding of 2nd International Conference on Advances in Product Development and Reliability, Shenyang, 2010, Volume:118-120: 546-550.**EI 20110113538759**

- 11.Yang Qiang*, Z.L.Sun, Y.Y. Shi et al. Kinematic reliability analysis of five-axis machine tool, Advanced Materials Research, vols.308-310(2011):1292-1296.**EI 20114014385111**
12. Yang Qiang* Zhang Lei, Zhi-li Sun et al.Reliability analysis base on improved Bayes method of AMSAA model, Advanced Materials Research, 2012, Vols.482-484:2336-2340.**EI 20121414923032**
13. Yang Qiang* Wang Geng-hua, Ji Bian et al.Rigid-Flexibility Modeling and Simulations of Lower-Mobility Parallel Mechanisms. Advanced Materials Research, 2013 Vol.681(2013)pp224-228.**EI 20131816290569**
14. Yang Qiang* Zhi-li Sun Zhao Xin et al. Safety Assessment of Bridge Crane Based on Quantifying Risk Advance in information Sciences and Service Sciences 2013 5(8) :54-61.
15. Yang Qiang* Zhi-li Sun Zhao Xin et al. Calculation of Condition-Based Maintenance Inspection Period for the Girder of Crane Journal of Applied Sciences , 2013 12(20): 4166-4173.**EI 20134516960572**
16. * .
() 2014 35(1) 88-92.**EI 20141517566712**
17. * .
2014 50(13): 1-8.**EI 20143118006180**
18. Yang Qiang* Wang Hongguang Li Shujun. Structural synthesis for broken strands repair operation metamorphic mechanism of EHV transmission lines JOURNAL OF VIBROENGINEERING, 16(6):2768-2778.**SCI WOS:000342905300015**
- 19.Qiang Yang*, Shujun Li and Hongguang Wang. Determination of the maximal singularity-free zone in the whole workspace of 3-RRR planar parallel mechanism. The 5th Annual IEEE International Conference on Cyber Technology in Automation, Control and Intelligent Systems, Shenyang, China,

20. * . () 2011 32(6) 843-845.(
)EI:20112614102920
21. Zhao Xin Yang Qiang* Zhi-li Sun etc. The Calculation of Initial Inspection Interval of Condition-based Maintenance for Special Equipments Advanced Materials Research, 2013, Vol. 631-632:1079-1084.(
)EI20130615987419
22. * . RBI
2012, (7): 46-48.()
23. * . ,
2011 (8) 16-19.()
24. * . Bayes MTBF
, 2012, 33(8):1182-1185. (
)EI:20120615987419
25. * . ,
2011 32(7):1000-1003. (
)EI:20110615987419
26. S. J. Li, Q. Yang*, M. Geng, et al. Structural design and kinematic analysis of moving mechanism of insulator inspection robot. The 3rd IFToMM Symposium on Mechanism Design for Robotics, Aalborg, Denmark, 2-4 June 2015. Proceedings of the 3rd IFToMM Symposium on Mechanism Design for Robotics, MEDER 2015 33 239-247 (
)EI 20154501494006
27. S. J. Li, Q. Yang*, M. Geng, et al. Design and Simulation of , M. Ge7

Operation Metamorphic Mechanism of Extra-High-VoltageTransmission Lines.
Proceeding of 2015 international conference on energy equipment science and
engineering, 30-31 May 2015, Guangzhou China, 1881-1884. (

)**EI:20162402496078**

29 Xiaolei Li Qiang Yang* Hao Qiu et al. Small-sample MTBF estimation for a
CNC machine tool, RevistadelaFacultaddeIngenieríaU.C.V., 2016 31, 7
131-143()**EI:20165203190506**

30. S. J. Li, Q. Yang*, M. Geng, et al. Structural design and performance analysis of
moving mechanism of insulator inspection robot, Int.J.of Mechanisms and
Robotic Systems. 2016,Vol.3,No.2,pp.175–192.

31. .
()