

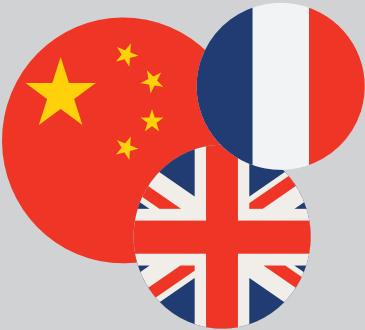


♂ Sep.22th,1996

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Languages



INTERESTS



WANG ZE

ROBOTIC DESIGN & AUTOMATION

PROFILE

Profile

I am a robot lover and a Master's graduate. Since I participated in the Robotics Practice Center at sophomore year, I have learned many design methods for bionic and mobile robots, including kinematic mechanism design and structural topology optimization. After coming to France, I started to study control science. Now that I have mastered control technology such as optimal control optimal estimation and adaptive control, I will continue to research in nonlinear systems and multi-sensor fusion positioning.

In the future, I will research mainly in mobile robots and lightweight design of robot.

EXPERIENCE

Work

2017 •



LOW INERTIA HUMANOID ROBOT DESIGN | intern

Chinese Academy of Sciences | 3 Patents in Acceptance
Under-actuated robot-hands | Redundant robot-arms | Structure Topology Optimization

2016 •



SPACE TELESCOPE DESIGN | core member

INSA de Lyon | international teamwork| BIEN
Responsible for kinematic & dynamic analysis and motor selection

2016 •



HUMANOID FIGHTING ROBOT DESIGN | project manager

Soccer Robot Innovation Center | NATIONAL 1ST PRIZE
a small humanoid robot for boxing competition

2016 •



SPHERICAL ROBOT DESIGN | in charge & core member

NWPU | EXCELLENT DESIGN
a deformable spherical robot with SLAM for complex terrain detection,
who move by multi-speed

2015 •



BIO-ROBOT DESIGN | in charge & core member

Soccer Robot Innovation Center |
INTERNATIONAL&NATIONAL 1ST/SPECIAL PRIZE
A three-degree-of-freedom bionic remote-controlled fish-shaped robot

EDUCATION

Education

B.E of Aeronautical Manufacturing|
Graduate|2013--2016|Class President



NWPU | CHINA

Elite student, TOP10%,
postgraduate recommendation

L'ingénieur de Mécanique Développement
Graduate | 2016--2018



INSA de Lyon | FRANCE

SKILL

Skill

MATLAB



PYTHON



C



APDL



ARDUINO



SOLIDWORKS



CATIA



ABAQUS



ANSYS



COMSOL



PREZI



LATEX



EXCEL

