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- Her current research interests include communication signal processing, Internet of things technology and application, speech signal processing, etc.
- Enrolling master degree students at the discipline of Control Science and Engineering;
- Currently give the main courses: Embedded System Foundation, Cognitive Perception Theory and Technology, Digital Signal Processing, etc.
- Guidance for postgraduate students: 1 in reading
- Chair research projects:
  - ◆ Liaoning Provincial Department of Education Research Project: Multi-user precoding schemes for the 3D-MIMO wireless communication systems with large antenna array.
  - ◆ Doctoral Scientific Research Foundation of Liaoning Province: 5G oriented Multi-user precoding schemes for the 3D-MIMO wireless communication system.
- Publications: research achievements are published on important journals or conferences, 8 papers were published, of which 3 were indexed by EI.
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