

Professor LU Weigang

College	College of Hydraulic Science and Engineering
Current Position	Professor
Types of Tutor	Doctoral Tutor
Language	Chinese/English
Education	1981.09-1985.07 Jiangsu Agricultural College-Bachelor Degree(Specialty: Farmland Water Conservancy) 1989.09-1992.06 Jiangsu Agricultural College-Master Degree(Specialty: Farmland Water Conservancy) 2002.09-2008.11 Shanghai University-Ph.D.(Specialty: Engineering Mechanics)
Research Interests	Hydraulic Structure
Selected Publications	1、《An efficient split-step and implicit pure mesh-free method for the 2D/3D nonlinear Gross-Pitaevskii equations》 2、《Numerical simulation of diversion piers in forebay under asymmetric operation of pumping station units》 3、《Simulation and prediction of the weld-line in the filling process using a corrected smoothed particle hydrodynamics method》 4、《Shaft power field of large low-lift pump station Test Method Research》 5、《Simulation of two-dimensional nonlinear problem with solitary wave based on split-step finite pointset method》 6、《Design and Analysis of the Structure of U-Shape Aqueduct》 7、《Simulation of the nonlinear Cahn-Hilliard equation based on the local refinement pure meshless method》 8、《Numerical Simulation Study on Rectification Schemes of the Forebay of Poganghu Station》 9、《The inlet flow pattern of Tongcheng Gate and

	<p>its improvement measure》</p> <p>10、《Applicability of Turbulence Model in 3-D Flow Filed Numerical Simulation of Elbow Inlet Conduit》</p> <p>11、《Comparison and Selection of Lining Material of Small Concrete Rectangular Canals》</p> <p>12、《Village Town Planning》</p>
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