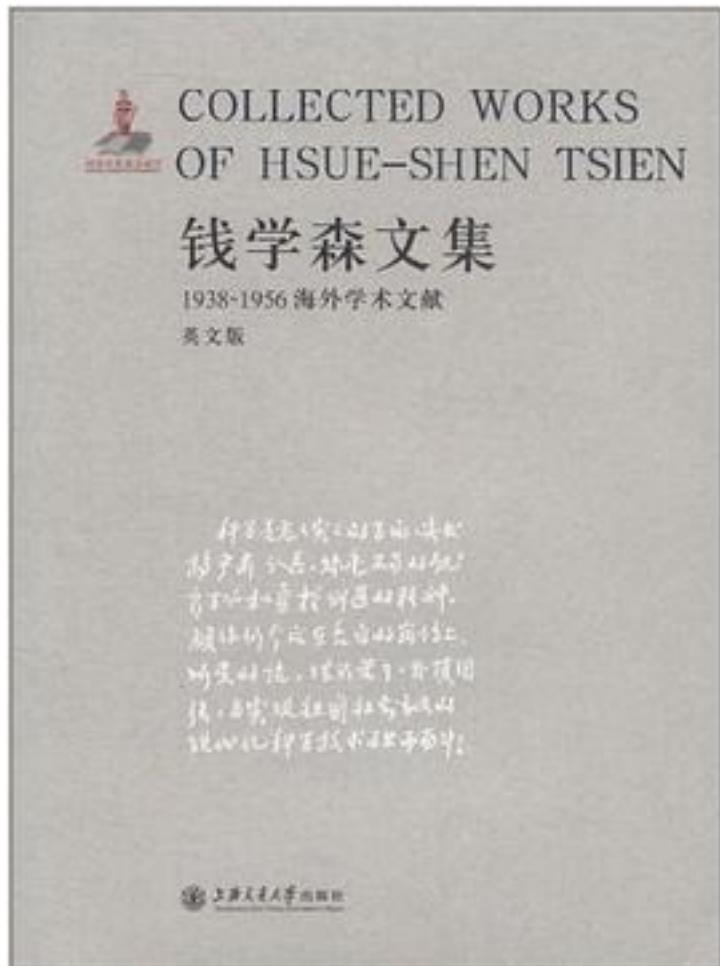


钱学森文集



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《钱学森文集(英文版):海外学术文献(1938~1956)》内容简介：This volume collects the scientific works of Tsien Hsue-shen accomplished during his stay in the United

States as a graduate student, scientist and professor and published in the period of 1938~1956, when the aeronautic exploration stepped from low-speed to high-speed regimes and astronautic technology entered its infant stage. In these papers, he addressed and solved a series of key problems in aerodynamics, stability of shells, rocket ballistics and engine analyses, etc., some of which were path-breaking. Starting from 1946, with his strategic wisdom, Tsien Hsue-shen made pioneering contributions to some fields, such as jet propulsion, engineering cybernetics, physical mechanics and engineering sciences, and so on. All these works feature the unique methodology of turning basic theories in natural science into practical tools in tackling complicated engineering problems. It is worth noting that he first advocated the philosophy of engineering sciences, which has been elucidated and illustrated in the volume and proved to be the guideline of innovative industrial development. The collected works might benefit to its extensive readers in getting deeper insight into the academic contributions, scientific thoughts and studying style of Tsien from various viewpoints.

作者介绍:

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