



Ze-Li Dou, Qiao Zhang

# Six Short Chapters on Automorphic Forms and L-functions

- Treats the period conjectures of Shimura and the moment conjecture, both central in number theory but little discussed in expository form
- Provides motivational material to help reader understand the history and purpose of the main topics
- Brief, relatively independent chapters with distinct themes, enable quick access and lucidity
- Reaches the forefront of research quickly, and gives guide to literature

"Six Short Chapters on Automorphic Forms and L-functions" treats the period conjectures of Shimura and the moment conjecture. These conjectures are of central importance in contemporary number theory, but have hitherto remained little discussed in expository form. The book is divided into six short and relatively independent chapters, each with its own theme, and presents a motivated and lively account of the main topics, providing professionals an overall view of the conjectures and providing researchers intending to specialize in the area a guide to the relevant literature. Ze-Li Dou and Qiao Zhang are both associate professors of Mathematics at Texas Christian University, USA.

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