The Principles of Arab Navigation

Download now

The Principles of Arab Navigation

The Principles of Arab Navigation
Throughout History, the Indian Ocean has been a zone of interaction between far-flung civilizations served by ports, and connected with the Mediterranean by the Gulf and Red Sea. The shows that were the vehicles of commercial and cultural exchange over this vast expanse of ocean ranged from small craft rarely venturing out of sight of land, to cargo vessels carrying navigators skilled in the art of deep sea sailing. These Arab, Persian and Indian seamen used the seasonal monsoon winds, and applied navigational techniques that relied on their ability to read the stars in the night sky – skills that had developed down the generations from time immemorial. This stellar navigation, based on measuring the altitude of the Pole Star to establish latitude and on the risings and settings of certain stars to find direction, grew into a complex art, belying the simplicity of the instruments used. Bringing together six scholars specializing in the maritime history and culture of the Arabs (Anthony R. Constable, William Facey, Yacoub Al-Hijji, Paul Lunde, Hassan Salih Shihab and Eric Staples), this book makes a new and vital contribution to the study of a nautical culture that has hitherto not received its due share of attention, and which is vital to an understanding of Indian Ocean history. Drawing on source material such as the guides by the renowned southern Arabian navigators Ahmad ibn Majid and Sulayman al-Mahri in the 15th and 16th centuries AD, as well as surviving logbooks of how captains in the early 20th, the volume covers the principal ideas, techniques, instruments and calculations used, deploying astronomy, geometry and mathematics to explain their methods. It includes an account of a practical attempt to apply these methods in 2010, on an adventurous voyage from Muscat to Singapore in a reconstructed early medieval dhow, and concludes with an analysis of sailing conditions in the Red Sea..

Download and Read Free Online The Principles of Arab Navigation

---

From reader reviews:

Gladys James:

This The Principles of Arab Navigation are usually reliable for you who want to be a successful person, why. The reason of this The Principles of Arab Navigation can be among the great books you must have is definitely giving you more than just simple studying food but feed an individual with information that maybe will shock your prior knowledge. This book is handy, you can bring it just about everywhere and whenever your conditions throughout the e-book and printed ones. Beside that this The Principles of Arab Navigation forcing you to have an enormous of experience including rich vocabulary, giving you tryout of critical thinking that could it useful in your day exercise. So , let's have it and luxuriate in reading.

Leslie Heidelberg:

Playing with family in a park, coming to see the ocean world or hanging out with buddies is thing that usually you have done when you have spare time, subsequently why you don't try factor that really opposite from that. Just one activity that make you not experience tired but still relaxing, trilling like on roller coaster you already been ride on and with addition of information. Even you love The Principles of Arab Navigation, you are able to enjoy both. It is great combination right, you still wish to miss it? What kind of hang-out type is it? Oh can occur its mind hangout fellas. What? Still don't understand it, oh come on its known as reading friends.

Ronald Meyers:

The book untitled The Principles of Arab Navigation contain a lot of information on this. The writer explains the girl idea with easy means. The language is very clear to see all the people, so do not necessarily worry, you can easy to read this. The book was written by famous author. The author brings you in the new time of literary works. You can actually read this book because you can continue reading your smart phone, or device, so you can read the book inside anywhere and anytime. In a situation you wish to purchase the e-book, you can available their official web-site along with order it. Have a nice go through.

Tommy Bowles:

As a student exactly feel bored in order to reading. If their teacher inquired them to go to the library or even make summary for some e-book, they are complained. Just minor students that has reading's heart or real their hobby. They just do what the trainer want, like asked to the library. They go to generally there but nothing reading seriously. Any students feel that studying is not important, boring along with can't see colorful pics on there. Yeah, it is for being complicated. Book is very important for you personally. As we know that on this age, many ways to get whatever we wish. Likewise word says, ways to reach Chinese's country. Therefore this The Principles of Arab Navigation can make you experience more interested to read.

Download and Read Online The Principles of Arab Navigation #6OBR24A8TY1

Read The Principles of Arab Navigation for online ebook

The Principles of Arab Navigation Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read The Principles of Arab Navigation books to read online.

Online The Principles of Arab Navigation ebook PDF download

The Principles of Arab Navigation Doc

The Principles of Arab Navigation Mobipocket

The Principles of Arab Navigation EPub