TEACH YOURSELF AIR NAVIGATION.

By "Kaspar." English Universities Press. 1942. 2/6.

Here is yet another of that spate of books by which the fortunate air-minded youth of to-day is encouraged to "teach himself" more than his elders have ever forgotten—and which prove a blessing or a curse to his future instructors, accordingly as to whether or not he realises that there still remains something that his elders can teach him.

Like its companions "Teach Yourself Trigonometry" and "Teach Yourself Mathematics," this book is obviously written by a man with a good grasp of his subject and a facility for imparting it.

The subject-matter adheres fairly closely to the pre-war syllabus for the 2nd Class Civil Navigator's Licence; this probably accounts for the forcible insertion of a 16-page chapter on Meteorology, which over compression has made somewhat confusing. The rest of the book is, within its limits, lucid and satisfying, and fulfils its avowed purpose of imparting the fundamental principles of Air Navigation in a form that can be understood by students who know no trigonometry and next to no mathematics.

DIRECTION-FINDING HANDBOOK FOR WIRELESS OPERATORS.

By W. E. Crook. Sir Isaac Pitman and Sons. 1942. 3/6.

When reviewing a previous manual in this excellent series for the wireless operator, we suggested that the notes on Direction-Finding might well be amplified in a subsequent edition. The author has done better; he has written a complete book. In his succinct and practical style he first deals with the subject in general, and then with its main applications: the Rotating Frame and the Bellini-Tosi systems. His aim, as he says in the preface, is not to describe the working of any particular set, which will inevitably become obsolete, but to give his readers a grasp of general principles which they themselves can apply to the apparatus they have to operate. A very useful chapter deals with Sensing and Fixing—aspects which are frequently passed over with only a brief mention—and all sources of error are dealt with exhaustively.

The level of technical knowledge assumed in the reader is somewhat higher than in the preceding manuals, but should present no difficulties to those who have read them.

ASTROGRAPHICS: OR FIRST STEPS IN NAVIGATION BY THE STARS. (A PRIMER FOR THE AIRMAN CADET.)

By Frank Debenham. W. Heffer and Sons. 1942. 7/6.

When a book on a subject as reputedly abstruse as Astro-Navigation begins with a quotation from "The Hunting of the Snark" and continues with the rhyme:—

A tiny but precocious babe Was playing with an astrolabe; Her older brother, not so frail, Was toying with a stereo-scale,

# **Astrographics First Steps In Navigation**

**RJ Shavelson** 

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Astrographics Frank Debenham. 1942 **Astrographics** Frank Debenham. 1942 Journal of the Royal Aeronautical **Journal of the British Astronomical Association**, 1943 The Observatory ,1895 A review of Society, 1942 The Journal of the Royal Aeronautical Society Royal Aeronautical Society, 1942 astronomy varies British Scientific and Technical Books .1956 The Aeroplane .1942 Geographical Review, 1945 **Tools of Victory for the Battle of Production** Detroit Public Library, 1942 Geography ,1943 New Technical Books ,1940 Monthly Notices of the Royal Astronomical Society Royal Astronomical Society, 1941 The Journal publishes the results of original research in positional and dynamical astronmy astrophysics radio astronomy cosmology space research and the design of astronomical University of California Union Catalog of Monographs Cataloged by the Nine Campuses from 1963 instruments Through 1967: Subjects University of California (System). Institute of Library Research, University of California, Berkeley, 1972 The National Union Catalog, Pre-1956 Imprints Library of Congress, American Library Association. Committee on Resources of American Libraries. National Union Catalog Subcommittee,1971 Astronomischer Jahresbericht ,1948 The Geographical Journal, 1942 **Technical Book Review Index** ,1942 **Nature** Sir Norman Lockyer, 1928 More Books Boston Public Library, 1942

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