

# Numerical methods for high speed computers

G. N. Lance, M.Sc. Ph.D. M.A.I.S.  
A.F.R.Ae.S.

Methods of solving complicated problems to derive the fullest advantage from modern computers

This book assembles the most useful numerical methods developed by research mathematicians, with the particular aim of explaining the facilities that computers offer. Most of these methods have never been published before except to a very limited readership and all have been tested for their practical value. The book will be found invaluable by mathematicians, programmers, engineers, physicists and scientists generally.

42s net by post 43s 166pp.

from leading booksellers

Published for DATA PROCESSING

by ILIFFE Books Ltd

DORSET HOUSE STAMFORD STREET  
LONDON S.E.1



## Share the great companionship of men who fly

When you join the R.A.F. and serve as an air-crew officer, you will become part of a whole new world. Not the world of 9-to-5, straphanging and deskbound routine—but of clear blue skies, G-suits and jet engines; of serious and highly skilful work, in the nation's interest; and of friendship too—the camaraderie and good companionship of your brother-officers . . . the finest company a man could have.

There are various lengths of service: shorter periods qualify for a tax-free gratuity up to £5,000; longer engagements are pension-earning. Officers

are also needed for the vital work of Air Traffic and Fighter Control. Telephone the Officer in charge of your nearest R.A.F. Careers Information Centre or write for full details, giving your date of birth (age limits: for Flying Branch, 17-26th birthday; for aircraft control duties, 17½-28th birthday) and details of education (minimum qualifications: 5 acceptable subjects at 'O' level or equivalent; one or two at 'A' level would be an advantage) to Group Captain J. W. Allan, D.S.O., D.F.C., A.F.C., R.A.F., Adastral House (FR1), London WC1

FLY WITH

The Royal Air Force

## Babcock & Wilcox Ltd. Renfrew

**GRADUATE MECHANICAL OR CHEMICAL ENGINEERS OR FUEL TECHNOLOGISTS** required for development work on Fuel Oil and Gas Combustion Systems. Experience in Aerodynamics or Fluid Flow Measurement and Control desirable.

**GRADUATE MECHANICAL OR CHEMICAL ENGINEERS** required for research into Convective Heat Transfer in Pressurised Gas Systems and Two-Phase Heat Transfer, Pressure Loss and Burn-out in high pressure water systems. Previous research and development experience desirable.

The positions advertised are in the Research Department of a leading heavy engineering firm engaged in the expanding power industry. The Research Station is located outside the Clyde industrial belt with easy access to pleasant coast and country districts.

Apply in writing to:—

The Superintendent,  
Babcock & Wilcox Ltd.  
Research Station,  
High Street, Renfrew.