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By
D.J. Vickery, A.R.I.B.A.
Asian Regional Institute for School Building Research
Bandung

United Nations Educational, Scientific, and Cultural Organization
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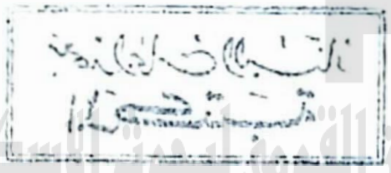

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PREFACE

Sun shading is important from two points of view: first, it protects the occupants of the school building from undesired solar heat and, secondly, it may form a dominant feature of the building both visually and constructionally.

Many methods have been devised to help the architect to design sun shading devices without recourse to a nautical almanac and ensuing calculations. The most common approach has been through the medium of protractors. The experience of the author has been that most protractors give too much information and thus tend to confuse rather than clarify a subject which, in any case, arises infrequently in the design office. What is needed is thus a tool the use of which is self evident and simple.

The idea of "pre-digesting" data on sun angles and presenting it in a form ready for use in orthographic projection is that of B. G. White, A. R. I. B. A., of the former West African Building Research Institute at Accra. This paper, prepared by D. J. Vickery, A. R. I. B. A., senior UNESCO expert at the Asian Regional Institute for School Building Research, Bandung, Indonesia, has carried the original ideas a little further and adapted them for use in South-east Asia.

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