

A STUDY OF THE EFFECTS OF ENERGY LOSS MECHANISMS ON THE
OPERATION AND PERFORMANCE CHARACTERISTICS OF A LOCALLY
MADE PYRANOMETER

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A simple single disc pyranometer has been constructed and the effects of energy exchange mechanisms on the operation and, performance characteristics of the instrument have been investigated. The characteristic response time of the instrument was about 90 s, which was about half of that of a similarly constructed double slab pyranometer.

References

Zanetti V. and Zecca A (1983) Am. J. Phy. 51 (7)

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