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Nota di contenuto	Problems of infrared extinction and standardization — An introduction Extinction and transformation Models of infrared atmospheric extinction Atmospheric extinction in the infrared Infrared extinction at Sutherland Near-infrared extinction measurements at the Indian observatory sites Reducing photometry by computing atmospheric transmission JHKLM photometry: Standard systems, passbands and intrinsic colors Standardization with infrared array photometers A summary of the session Concluding postscript.

Extinction and standardization corrections to infrared measurements

1.

Sommario/riassunto

are of the utmost importance in astronomy. Various views on these concepts and problems of implementation in infrared photometry are discussed thoroughly and recommendations are presented. Among these are: the adoption of narrower broad-band "Johnson" filters that are better centered in the atmospheric water windows than is currently the case; the measurements of atmospheric water vapor content concurrent with the astronomical measurements; the use of appropriate atmospheric models to treat the extinction adequately; and the publication of complete details of the systemic passbands and their transformability to other systems. To conclude the volume, R. Bell summarizes and comments on the contributions to the symposium, and the editor adds a concluding postscript on post-meeting developments and perspectives.