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Optical observations of close binary systems with a compact component

Augusteijn, T.

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Optical observations of close binary systems with a compact component

Optische waarnemingen van nauwe dubbelsterren
met een compacte component
(met een samenvatting in het Nederlands)

Academisch Proefschrift

ter verkrijging van de graad van doctor aan de Universiteit van Amsterdam, op gezag van de Rector Magnificus prof. dr. P. W. M. de Meijer, ten overstaan van een door het college van dekanen ingestelde commissie in het openbaar te verdedigen in de Aula der Universiteit (Oude Lutherse Kerk, ingang Singel 411, hoek Spui), op dinsdag 29 november 1994 te 11.30 uur

door

Thomas Augusteijn

geboren te Amsterdam

Sterrenkundig Instituut 'Anton Pannekoek', Amsterdam

promotiecommissie:

promotor: prof. dr. J. van Paradijs
overige leden: prof. dr. E. P. J. van den Heuvel
prof. dr. K. Horne
prof. dr. M. van der Klis
dr. G. J. Savonije
dr. H. C. Spruit
prof. dr. P. S. The
prof. dr. F. W. Verbunt

Cover illustration: grey-scale plot of the H α emission line in the spectrum of the dwarf nova V485 Centauri as a function of phase at the 59 min orbital period (cf. Chapter 9).