

E16: The effects of eccentric accretion structures on the light curves of interacting Algol-type binary stars



Phill Reed

Kutztown University of Pennsylvania

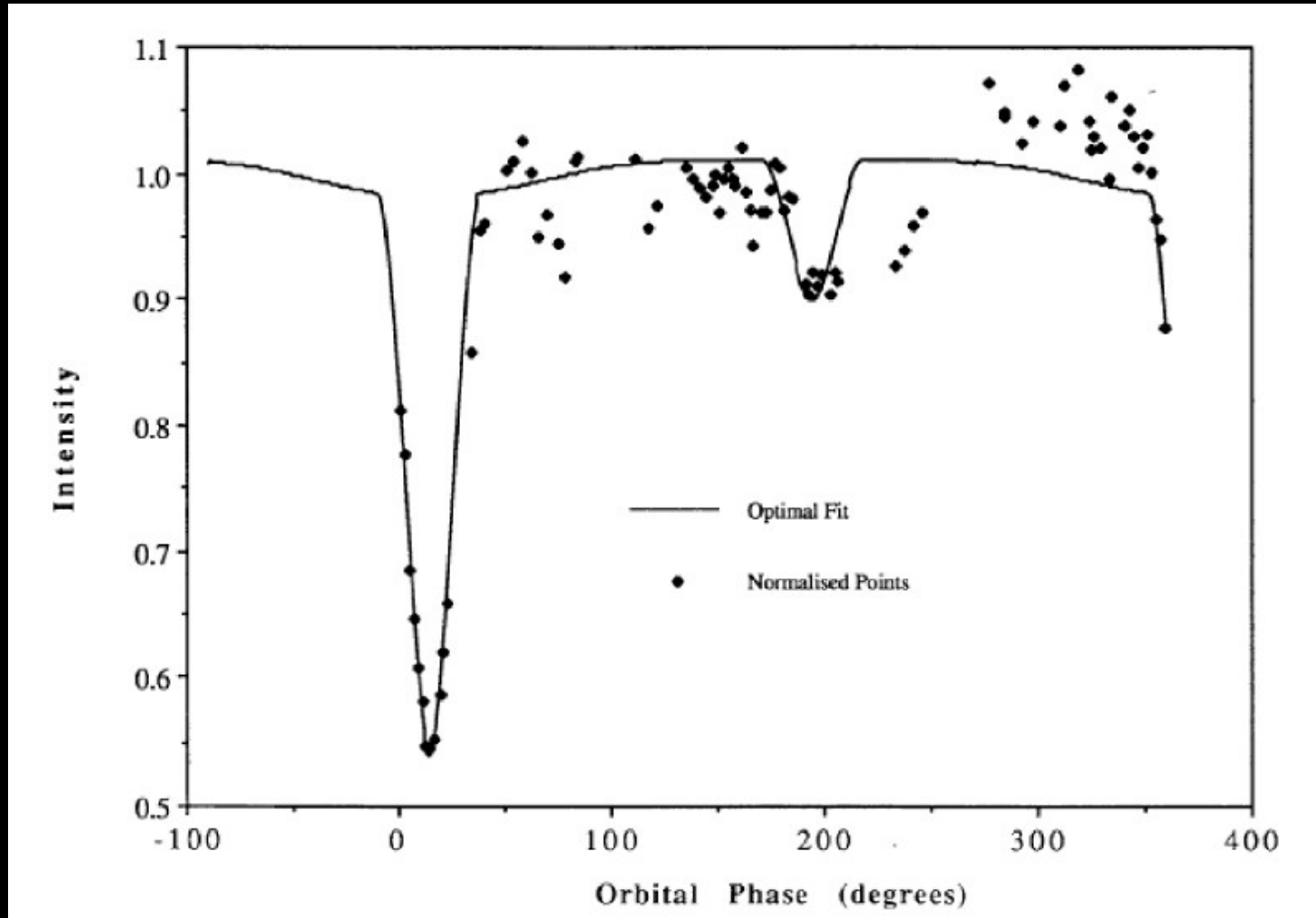
R Arae (P = 4.4 days)



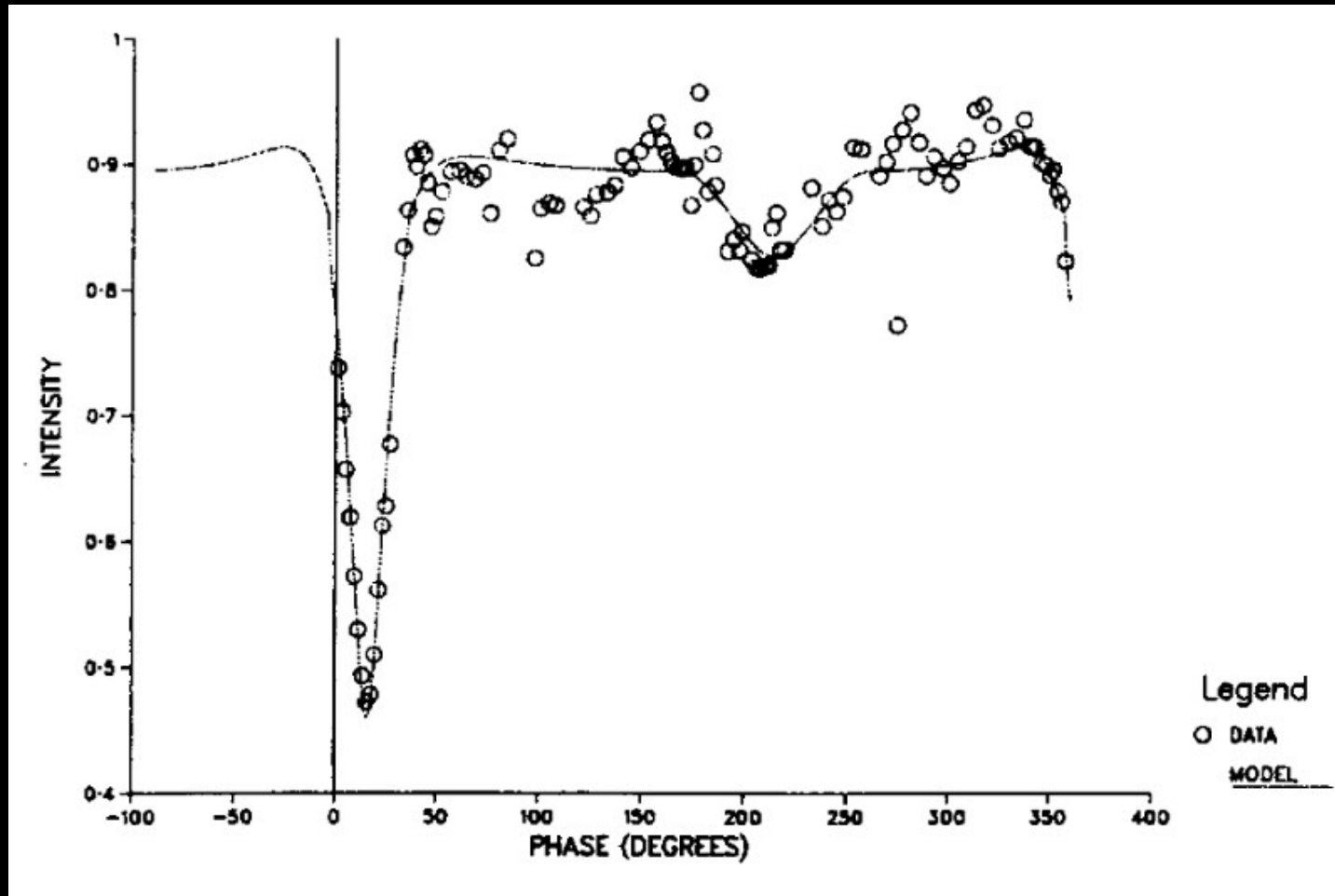
IAUS 282



Ground-based light curve from 1986 (Nield, 1991, *Ap&SS*, 180, 233)



Ground-based light curve from 1986 - 1988 (Banks, 1990, *IBVS*, No. 3455)



R Arae (P = 4.4 days)

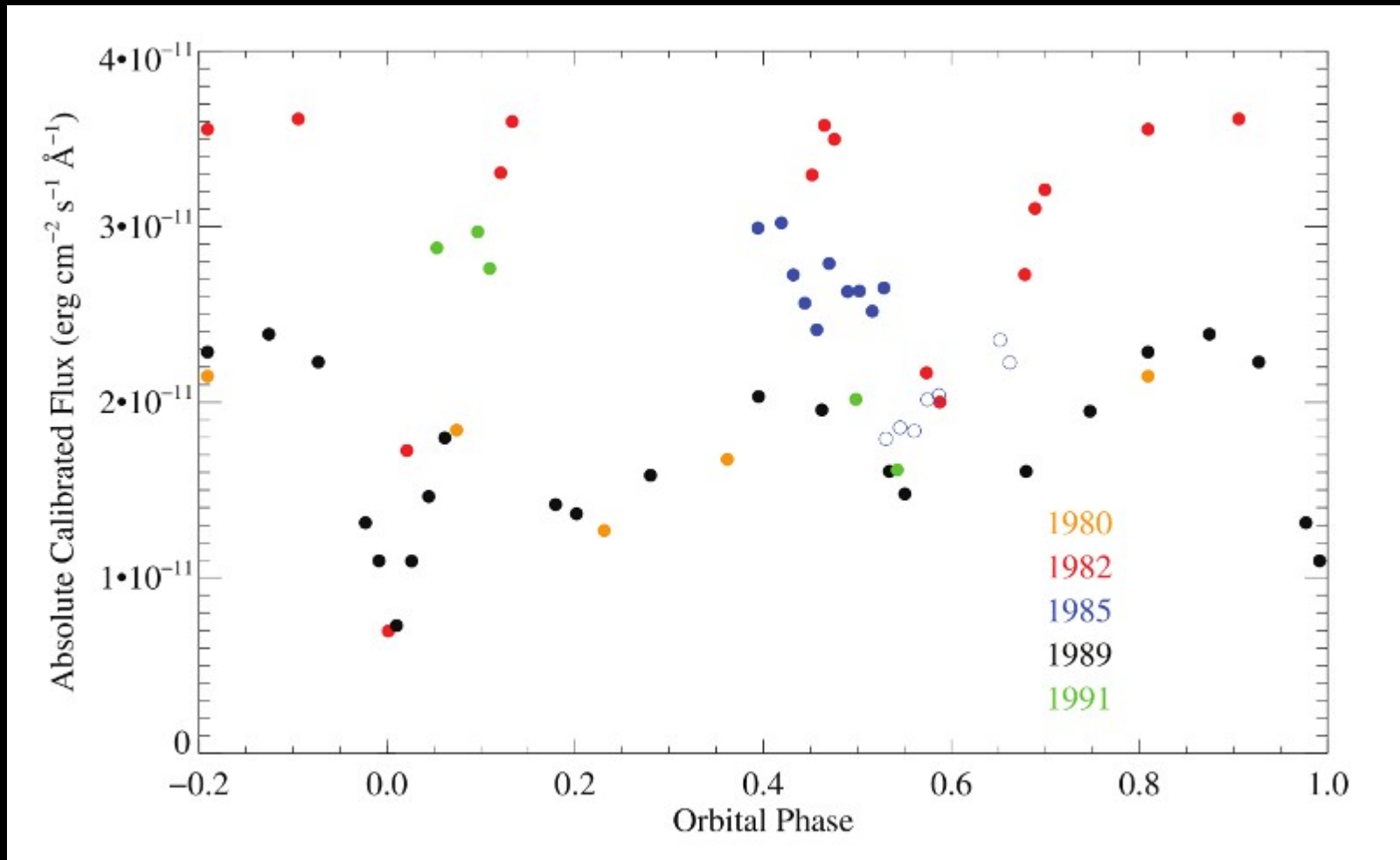
IUE data taken in 1989

R Arae (P = 4.4 days)

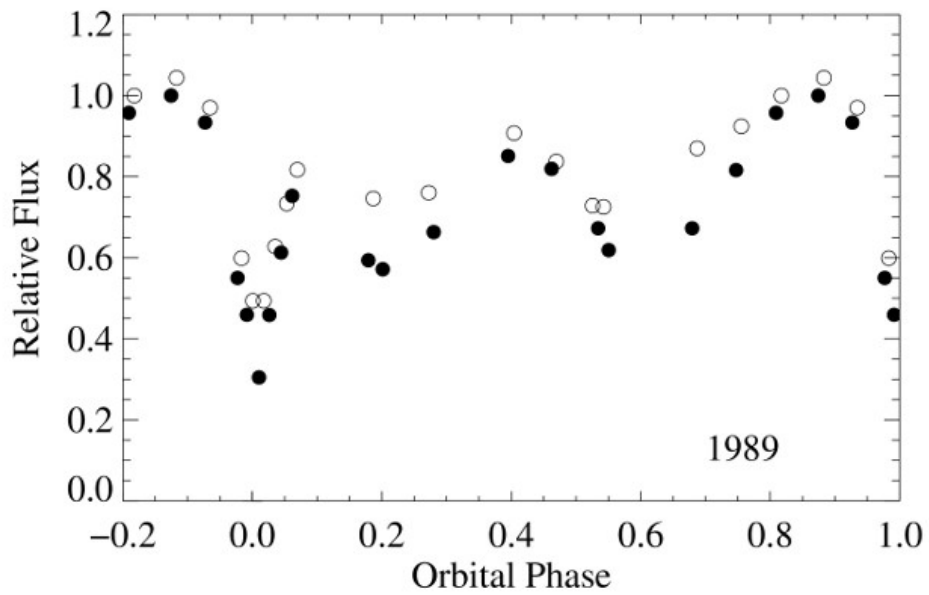
IUE data taken in 1989

Reed et al., 2010, *MNRAS*, 401, 913-923

IUE light curves:



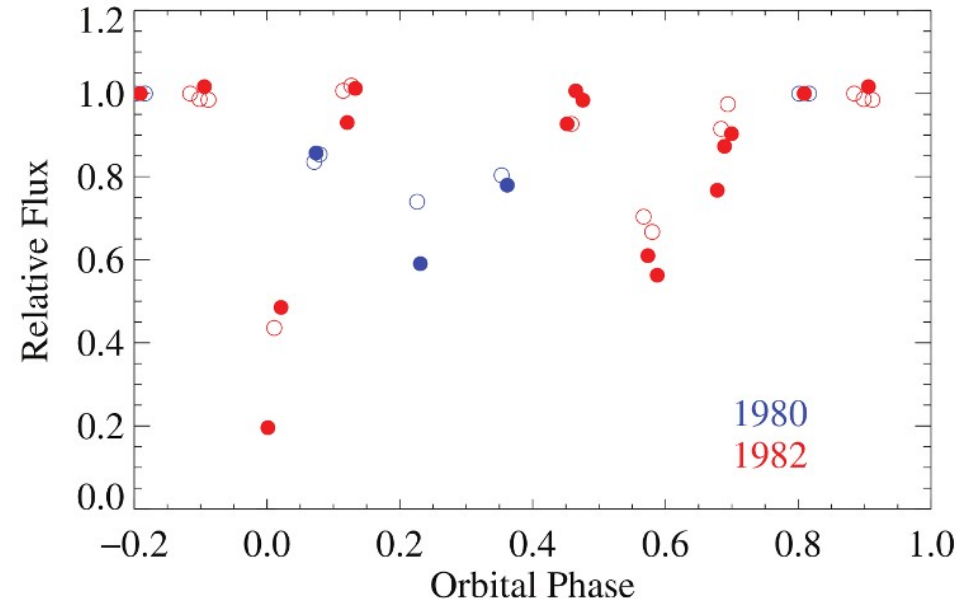
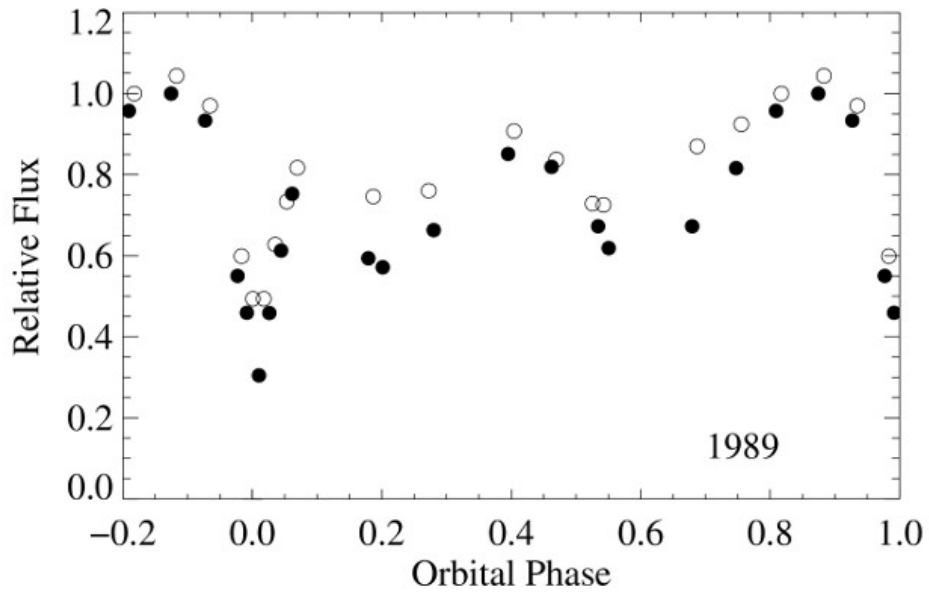
IUE light curves:



● 1320 Å

○ 2915 Å

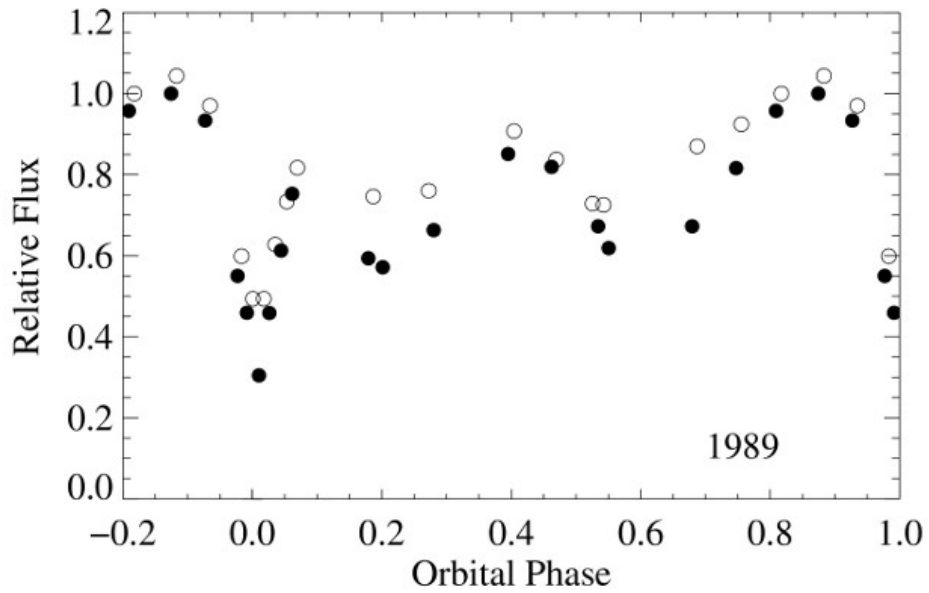
IUE light curves:



● 1320 Å

○ 2915 Å

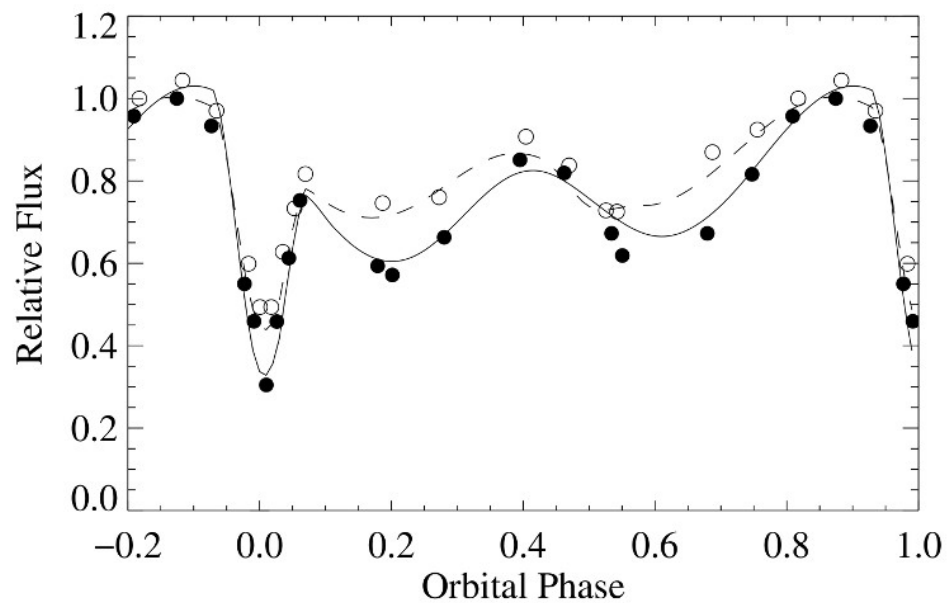
IUE light curve from 1989:



● 1320 Å

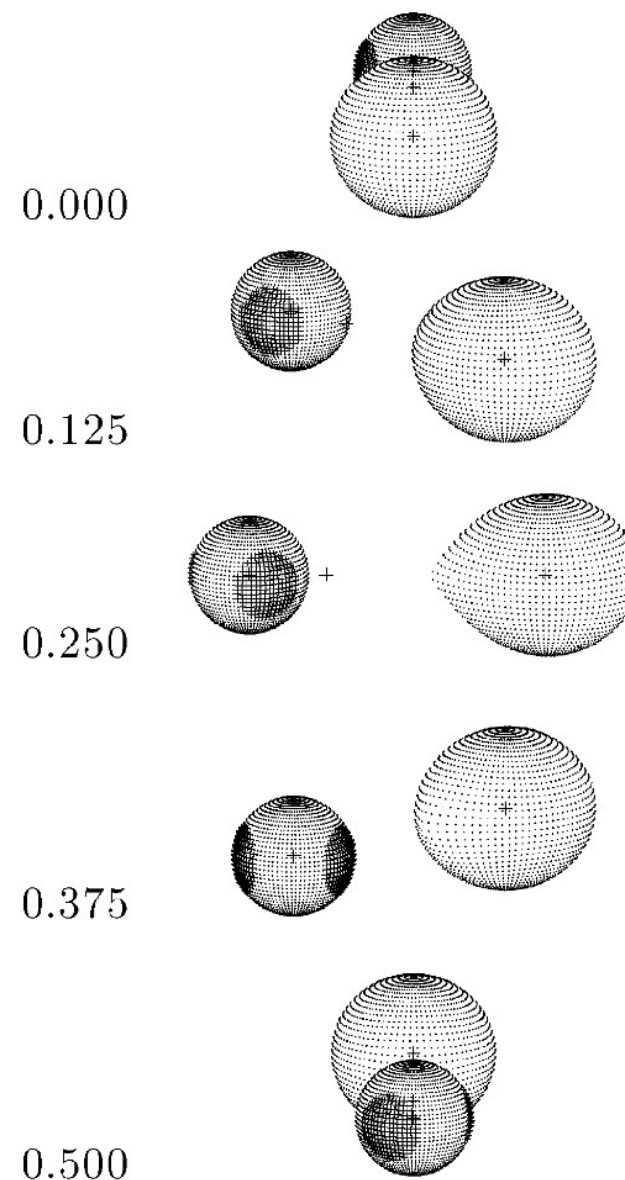
○ 2915 Å

IUE light curve from 1989:

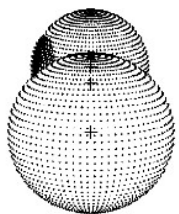


● 1320 Å

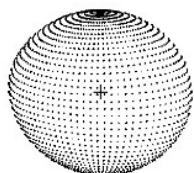
○ 2915 Å



0.000



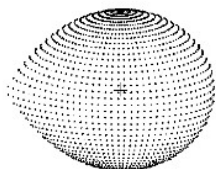
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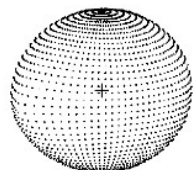
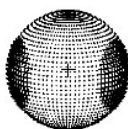
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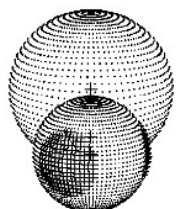
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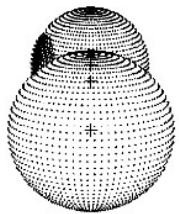
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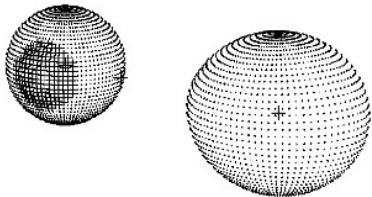
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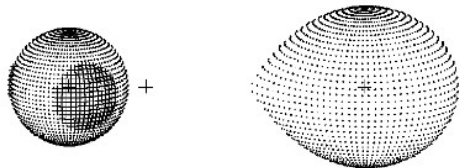
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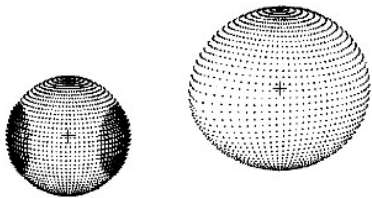
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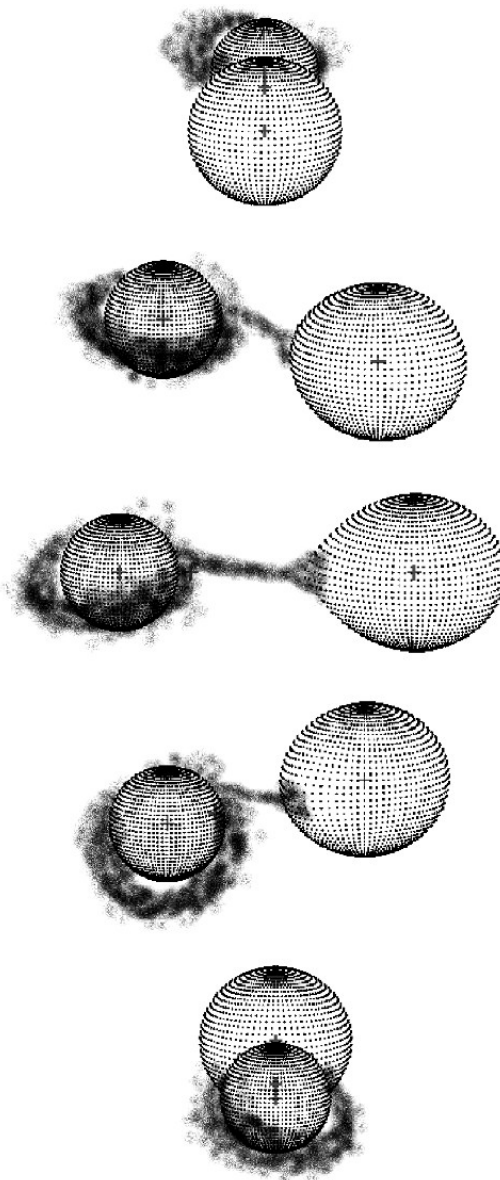
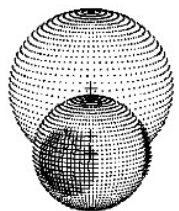
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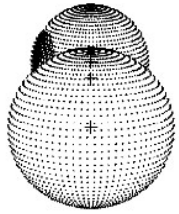
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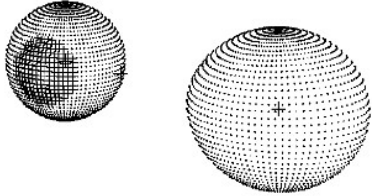
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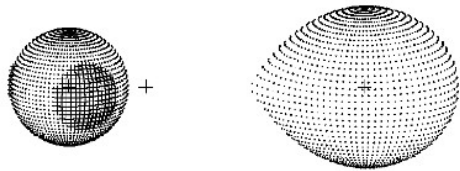
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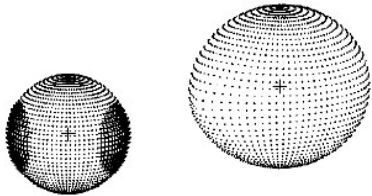
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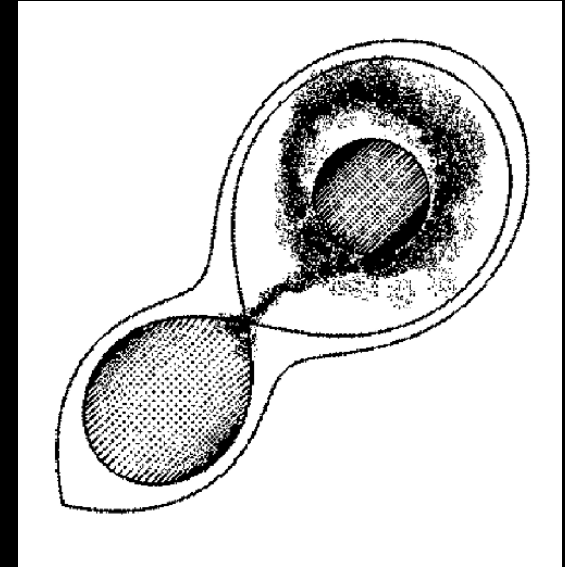
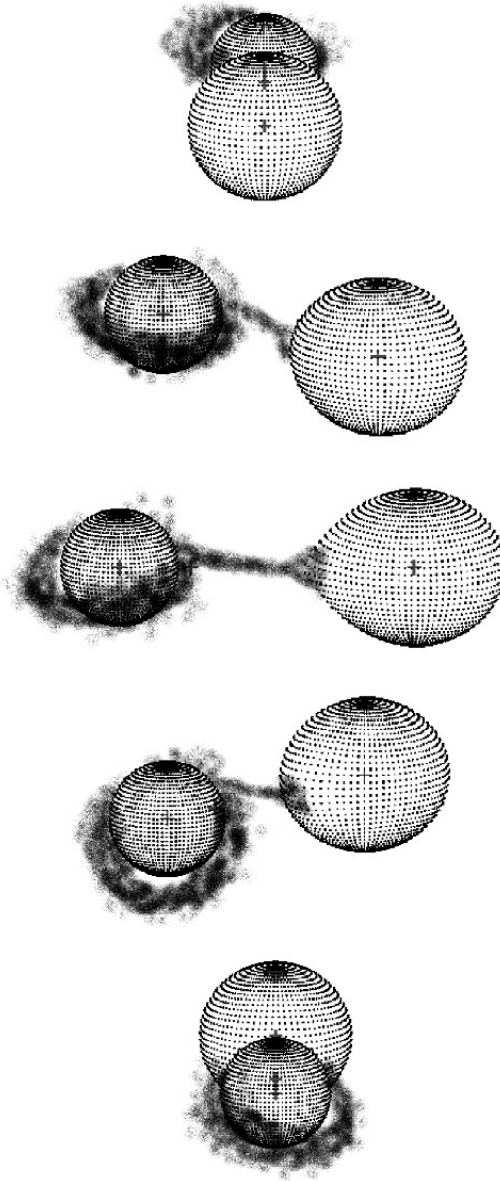
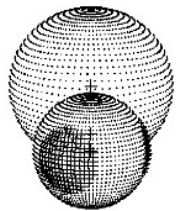
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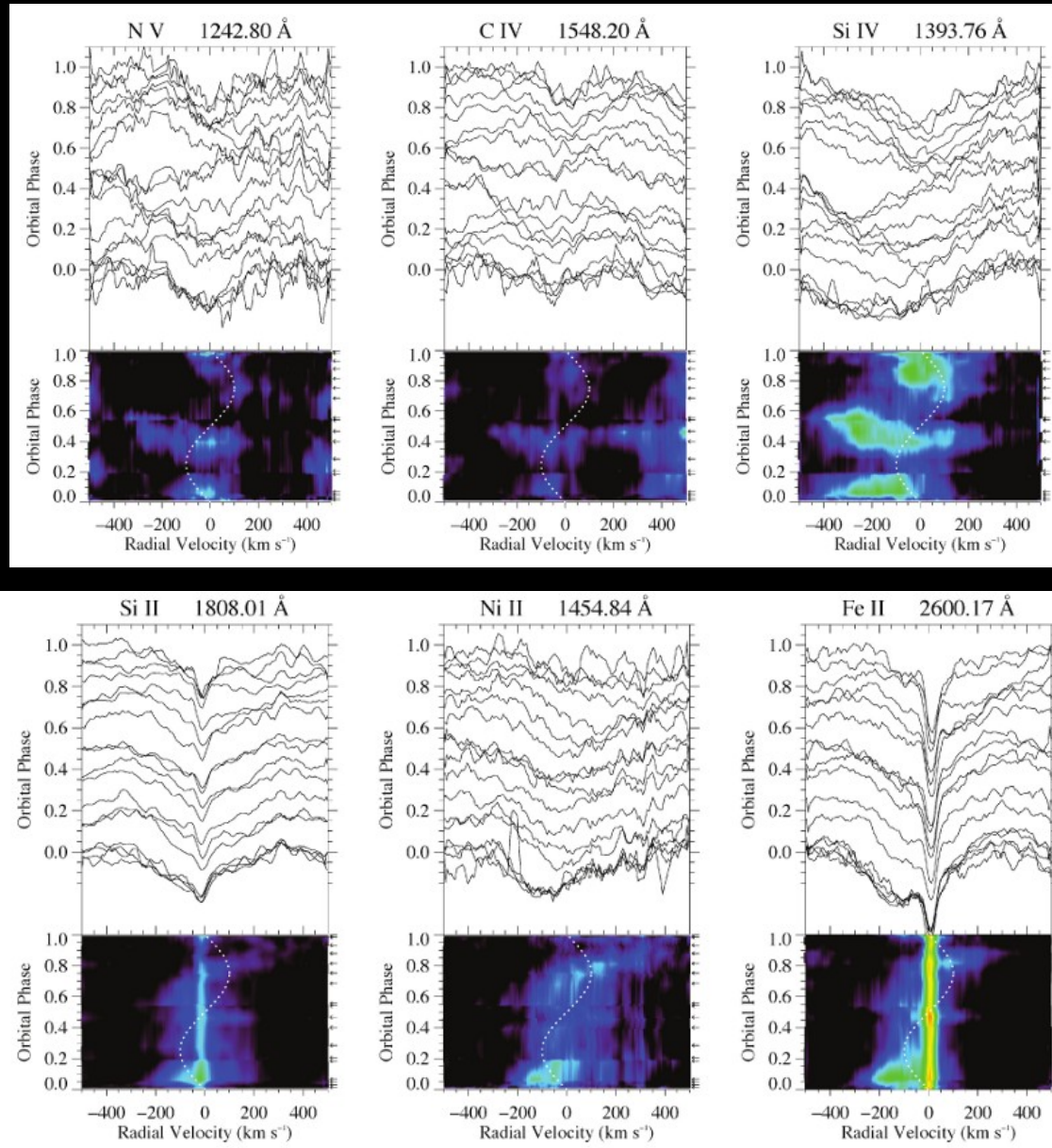
0.375



0.500



IUE spectroscopic support



Thank You!

