

How are the physics of the atmosphere different fr. the physics of the interior (where you have to apply the Henryey cales.)?

> something about radictive transport? > the egns of HSE (i.e. The pressure diff. egn.) has to be the same, though...)

Se functions of P & T only (not of R, Q L, R W).

according to tappents Kippendian & Weigett, this is is ble the interior structure diff. egens. depend on M. Since M changes so little in the atmos, however, you have to suited over to a variable/physical quantity that does change significantly when the atmos.

18/2012	10/10/2 12
atprass . unclosed mass = My - AMonder R= Ratio (M=Mother) in Some Sense ? yes?)	A
Amoss 2. anclosed mass = M&- o. get Mouder, P= Pesting T= Testing 9 = gasting = all defined at this point.	in the second
	A
outer edge of star. Enclosed Mass = Mx, R= Rx	(3)

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Rosz = Radius of the photosphere (Z=2/3 Surface)

RM2 = Radius & the (first?) 1/2 way (in t) pt. of The current RK+ step.

200

Rstar = an input parameter to the atmos subvoutine; the total/outer radius of the star.

Initially Ross; = Rotar

Rate = Rstar - max [O, Roument - Roys]

= Rstar - max[0, & 0-Rx] = Rat = Rx + Rzy - Rz1

Rat = Rstar

Rat = Rstar until T > 2/3, at which pt. The value of RT43 gets reset & RT43 = Rx to ... Something else.

=> figuring out what that "something else" is, specifically.

RX VS RZ

2,8005 -2,8005 0,2500

0.25 = 0.025 €

How is Stane getting i by 2 in my cales?!

1.3 × 108 3 × 10 1/5 × 10 8 7.83e9 7.67e9 7.52e9 7.52e9 7.52e8 7.37e9

7952 37 13 0.05

0