

Turkish Journal of Physics

Turkish Journal

of

Physics

Mass-radius Relations for Helium White Dwarfs

R. CİVELEK, N. KIZILOĞLU
Physics Department,
Middle East Technical University,
06531, Ankara-TURKEY

Abstract: We studied the static mass-radius relation of white dwarf stars with masses greater than $0.45 M_{\odot}$. We assumed pure degenerate helium interiors at a finite temperature with luminosity-mass ratio due to neutrino energy loss. We compared the obtained M-R relation with those of other writers.

 [Keywords](#)
 [Authors](#)



Turk. J. Phys., **24**, (2000), 1-4.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Phys.,vol.24,iss.1.](#)

phys@tubitak.gov.tr

[Scientific Journals Home](#)
[Page](#)