

PHYSICAL PARAMETERS OF THE DA WHITE DWARFS FROM ESO SN IA PROGENITOR SURVEY
DATA.

Mirosław Należyty(1), Jerzy Madej(1), Agnieszka Majczyna(2)

(1) Astronomical Observatory University of Warsaw, Al. Ujazdowskie 4, 00-478 Warsaw, Poland, (2) The Andrzej Soltan Institute for Nuclear Studies, 05-400 Otwock-Swierk, Poland

We present determinations of masses, radii and bolometric luminosities for DA white dwarfs observed for the ESO SN Ia Progenitor Survey. Masses and radii of 513 stars were determined from their effective temperatures and surface gravities, obtained by Koester et al. (2009). We have used a grid of theoretical mass-radius relations for carbon and oxygen cores stars with hydrogen envelopes derived by Panei et al. (2000).