

# White dwarfs magnetic field function

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**Abstract.** Probability approach to the study of white dwarf magnetism is discussed. In the interval from 100 kG to 10 GG white dwarfs magnetic field function (white dwarfs frequency versus surface magnetic fields strength) is derived. In this interval the magnetic field function is a power dependence with an index of power  $a = -1.23 \pm 0.1$ . In the interval from 1 to 100 kG the upper limit for this function is given. Analysis of the magnetic field function makes it possible to conclude what is the most probable value of large-scale magnetic field strength on these stars.