

ATMOSPHERES OF BROWN DWARFS

A. Bedalov*

Physics, University of Zagreb, Croatia

Broadening of Sodium (Na) lines by H₂ and He gases: atmospheres of Brown Dwarfs. I simulate the atmosphere of Brown Dwarfs on linear gravitational Heat Pipe Oven (HPO), and record the ascorbic spectra of sample and then compare it with real specters of Brown Dwarfs. The result are some interesting and new conclusions about Brown Dwarfs atmospheres.

* Corresponding author: e-mail: abedalov@fizika.org