

RANDOM MAGNETIC FIELDS IN GALACTIC WIND FLOW

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Transport of random magnetic field in the model of galactic wind driven by cosmic rays is considered. Magnetic field disturbances are advected by the gas flow from the upper part of the galactic disk to the halo. Magnetic field lines in the halo tend to be perpendicular to the disk because of the flow acceleration. Applications for cosmic ray transport in the galactic wind are discussed.