

In this talk, we show that neutrino wavepackets are separated at earlier epoch, therefore neutrinos are in their mass eigenstates at the decoupling epoch. we study effects of lepton mixing on evolution and properties of relic neutrinos. We consider decoupling of neutrinos in presence of mixing, and find the distribution function of neutrinos after decoupling and its evolution. The influence of mixing on the Big-Bang Nucleosynthesis is explored.