## STANDARD SOLAR MODEL AND ELECTRON-NEUTRINO OSCILLATIONS

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The experiments of atmospheric neutrinos show that the predicted values for the electron-neutrino events are consistent with the observed values. This indicates that for atmospheric neutrinos there is no transformation of electron-neutrinos into neutrinos of other flavours. The terrestrial experiments for the transformation of solar neutrinos also do not give any reliable positive evidence. If SNO experiment confirms that such a transformation does not occur, it will rule out the standard solar model with oscillations and will confirm the weak refractive index model proposed by Saleem.