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SPONTANEOUS BREAKING OF THE L, D SYMMETRY IN
PHOTOLYTIC PRODUCTION AND DEGRADATION OF AMINO
ACIDS

K. TENNAKONE^{a, b, *}

^a *Institute of Fundamental Studies, Hantana, Kandy, Sri Lanka*

^b *Department of Physics, University of Ruhuna, Matara, Sri Lanka*

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Abstract. The radiolysis experiments of amino acids have revealed the presence of bimolecular interaction between like enantiomers which suppress their photodegradation and between opposite enantiomers that enhance the photodegradation. Based on a mathematical model, it is suggested that this phenomenon could have given rise to chiral stereoselection in biochemical evolution.