

PAIR PRODUCTION IN ELECTRON COLLISIONS

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The energy and angular distributions of pair of particles with spin 0 or 1/2 created in collisions of high energy electrons and positrons have been found. The implication for colliding beam experiments have been discussed.

ON THE POSSIBILITY OF THE STUDY ON THE COLLIDING BEAMS  
OF RESONANCES WITH POSITIVE CHARGE PARITY

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The possibility of the study on the colliding electron-positron beams of the resonances with positive charge parity, which can be produced through two-photon intermediate state, is discussed. The estimates show that the charge asymmetry in the angular distribution for the reaction  $e^+e^- \rightarrow \pi^+\pi^-$  at the total energy equal to the  $\rho$ -meson mass can reach 20%.