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DEPARTMENT OF PHYSICS  
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教員清涼会誌

## II. On the Theory of $\beta$ -Disintegration By Hideki Yukawa and Shoichi Sakata

1. I am pleased to see the publication of  $\beta$ -disintegration  
of the theory of Fermi. The  $\beta$ -decay theory is based on the Fermi  
theory. The  $\beta$ -decay is a process in which a neutron  
or nucleus emits an electron or positron  
pair production etc., in the  $\beta$ -decay of nucleus  
with the release of energy etc.,  $\rightarrow$  reabsorption  
of energy, momentum, angular momentum  
(spin) of conservation of  $\beta$ -decay etc.  
etc. The  $\beta$ -decay is an elementary process  
with the conservation of energy, momentum, spin  
etc. Fermi is the neutrino theory.  
etc. Energy etc. a carrier etc. etc.

Fermi's  $\beta$ -ray spectra are the neutrino  
of mass  $0 < m < m_0$  etc. etc.

Neutrino of mass  $m < m_0$  etc. etc.

The  $\beta$ -decay is a process, etc. etc.