

MUTABILITY IN WEAK INTERACTION PROCESSES



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Abstract: There are many open questions in modern physics; in print it would take volumes to contain them. Some of these questions are very small and some are very large in their scope or significance. Every physicist seems to have interesting and unique questions that drive their passion for the science, turning physics into more than a profession. Questions of personal interest derive from the mutability of weak interaction phenomena. This phenomenon is fundamental to neutrino interactions and changing beta decay rates among others. This discussion will review many of the developments leading up to the questions of the mutability of weak interaction phenomena.