A Testable Unified Theory That Works DONALD CHAKERES, The
Ohio State University, RICHARD VENTO, Retired, Columbus State Community
College — The harmonic neutron hypothesis is a unified theory of a dimensionally
consistent harmonic point set space defining physical phenomena. It is based on
equality-pair transformations (EPTs), of the n^0; e; α_0; and the Rydberg constant,
R, and 3 finite integer sets: (V_f), defined below; the first 12 natural numbers to
derive the first generation of particles and bosons; and a finite set of primes for
higher generations. All of the derivations/ predictions are made using the natural
units and the 3 number sets. The purpose is to demonstrate that it is possible to
derive, sets of integers, which inter-relate and predict many of the physical constants
from Planck time to the Higgs boson starting with just these 4 sets within a harmonic
system. All the physical constants are evaluated as frequency equivalent ratios. The
fundamental EPT is based on the transformation of electromagnetic energy into
matter via the set (V_f), scaled from neutron pair production. Elements v_f in (V_f)
are based on the ratio of the annihilation frequency equivalent of the neutron and 1
Hz, 2.271859078 x 10^{23} Hz.

Donald Chakeres
The Ohio State University