1003-39-1410 **Allan C Peterson*** (`apeterso@math.unl.edu`), Math. Department, University of Nebraska-Lincoln, Lincoln, NE 68588, and **Bevan Thompson** (`hbt@maths.uq.oz.au`), Mathematics Department, University of Queensland, 4072 Brisbane, Queensland, Australia. *Henstock–Kurzweil Delta and Nabla Integrals.* Preliminary report.

We will prove theorems and give properties of the Henstock–Kurzweil delta and nabla integrals. One application of this is that time scale researchers can consider more general dynamic equations on time scales. (Received October 05, 2004)