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Michael George Dombroski* (dombroskistm11@verizon.net). *Real Integer Physics*. Preliminary report.

In this paper we empirically investigate the Boson Matrix $\mathbf{H} := \begin{pmatrix} 0 & 1 & 0 \\ -1 & 0 & -1 \\ 0 & 1 & 0 \end{pmatrix}$ as a basis for Real Integer Physics.

Real Poisson Bracket analogs yield the result $(\text{SI})\mathbf{H}$, where (SI) is a **Scalar Integer** that factors out of the \mathbf{H} matrix.

Real Least Action analogs yield similar results with \mathbf{H} .

We *hypothesize* **H Matrix = Planck's Constant Matrix** (PCM) = **Higgs Boson Matrix** (HBM).

Website—dombroskiSTM.org (Received August 08, 2014)