FIRST IMPLICATION:
ELIMINATION OF DIVERGENCIES (1981)):

Hilbert-Myung-Santilli IsoSpace over isofields

$$\hat{H} : |\hat{\psi} >, \quad < \hat{\psi}|\hat{\times}|\hat{\psi} >, \quad < \hat{\psi}|\hat{\times}\mathbf{A}\hat{\times}|\hat{\psi} >,$$

$$\mathbf{A}(\mathbf{w}) = \mathbf{A}(\mathbf{0}) + \mathbf{w} \times (\mathbf{A} \times \mathbf{H} - \mathbf{H} \times \mathbf{A})/\mathbf{1}! + ... \rightarrow \ \infty, \quad \mathbf{w} > \mathbf{1},$$

$$\mathbf{A}(\mathbf{w}) = \mathbf{A}(\mathbf{0}) + \mathbf{w} \times (\mathbf{A} \times \hat{\mathbf{T}} \times \mathbf{H} - \mathbf{H} \times \hat{\mathbf{T}} \times \mathbf{A})/\mathbf{1}! + ... \rightarrow \ \mathbf{N} < \infty, \quad \mathbf{w} > \mathbf{1}, |\hat{\mathbf{T}}| \ll \mathbf{w}$$

Dirac-Myung-Santilli IsoDelta Function

$$\hat{\delta}(\mathbf{r} - \mathbf{r_0}) = \frac{\hat{\mathbf{I}}}{\mathbf{2}\pi}\hat{\times}\hat{\int}_{-\infty}^{+\infty}\hat{\mathbf{e}}^{\mathbf{i}\times\mathbf{k}\times(\mathbf{r}-\mathbf{r_0})}\hat{\times}\hat{\mathbf{d}}\mathbf{k}, = \frac{\mathbf{1}}{\mathbf{2}\pi} \times \int_{-\infty}^{+\infty} \mathbf{e}^{\mathbf{i}\times\mathbf{k}\times\mathbf{T}\times(\mathbf{r}-\mathbf{r_o})} \times \mathbf{dk},$$

$$T = \Sigma_{k=1}^{n} c_k \times (r - r_0)^k, \quad c_k \in \mathcal{C}. \tag{3.24b}$$

H. C. Myung and R. M. Santilli, Hadronic Journal Vol. 5, pages 1277-1366 (1982). available as free download from
http://www.santilli-foundation.org/docs/Santilli-201.pdf