New Grammar for a Point Particle System

$\Phi : \{\chi : \mathrm{R} \longrightarrow \mathrm{R}^3\} \longrightarrow \mathrm{C}$ ····· a functional

$\mathrm{M}_{\mathrm{new}}$

$\mathrm{M}_{\mathrm{new}}(\Phi)$ ····· a history

If

$$\Phi[\chi] = \exp\left[\alpha \int_{-\infty}^{\infty} \mathrm{d}t\, \psi(\chi(t), t)\right]$$

and $\Psi(x, y, z, t) = \exp \psi(x, y, z, t)$,

then $\mathrm{M}_{\mathrm{new}}(\Phi) = \mathrm{M}_{\mathrm{q}}(\Psi)$.

$\therefore$ **The range of** $\mathrm{M}_{\mathrm{new}} \supset$ **The range of** M_{q}