

on ^athe Unified Quantization
of Space-Time-Matter
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(AV)(1)

I. $L = \int d^4x \bar{\Psi} (\gamma_\mu \partial_\mu + m) \Psi + g \int d^4x (\bar{\Psi} \Psi)^2$
or $(-\frac{1}{2} \int d^4x \frac{\partial \varphi}{\partial x_\mu} \frac{\partial \varphi}{\partial x_\mu} + g \int d^4x \varphi^4)$

$\rightarrow L = \sum_{j,k} G_{j,k} \bar{\Psi}_j \Psi_k + \text{etc.}$

$G_{j,k} = M_{j,k} + T_{j,k}$
sym. antisym.
mass kinetic



