Revision of
Wholeness Charts 2-2 and 2-5 in Student Friendly QFT

May 30, 2017

Wholeness Chart 2-2 (pg 21): Last column

3rd block up from bottom

In the arguments for u and v, add $\partial_i \phi^r$

2nd block up from bottom

Cut and paste the following over the block

i) for $U = \int u dV$; $\{U, H\} = \iint \{u, \mathcal{H}\} d^3\mathbf{y} d^3\mathbf{x}$

$$\dot{U} = \frac{dU}{dt} = \{U, H\} + \frac{\partial U}{\partial t}$$

ii) for $u = \pi_r$; $\quad \dot{\Pi}_r = \{\Pi_r, H\}$

Wholeness Chart 2-5 (pg 31): Last column

3rd block up from bottom

In the arguments for u and v, add $\partial_i \phi^r$

2nd block up from bottom

Cut and paste the following over the block

i) for $U = \int u dV$; $[U, H] = UH - HU$

$$\dot{U} = \frac{dU}{dt} = [U, H] + \frac{\hat{\partial} U}{\partial t}$$

ii) for $u = \pi_r$; $\quad \dot{\Pi}_r = [\Pi_r, H]$