Whatever we are talking about
we should conclude to Eqs!

classical "stuff" $\longrightarrow (q, \psi) \longleftarrow$ quantum "stuff"

Coupled eqs.; 4 alternatives:

Bohm $\begin{cases} \dot{\psi} = -i\hat{H}\psi \\ \ddot{q} = -m^{-1}(\nabla V + \nabla V_\psi) \end{cases}$

DH $\begin{cases} \dot{\psi} = -i\hat{H}\psi \\ q: D(q, q') = 0, \quad q \neq q' \end{cases}$

GRW
QSD $\begin{cases} \dot{\psi} = -i\hat{H}\psi + \ldots + (\hat{q} - \langle \hat{q} \rangle)\psi W \\ q = \langle \psi | \hat{q} | \psi \rangle \end{cases}$

'MY'
VERSION $\begin{cases} \dot{\psi} = -i\hat{H}\psi + \ldots + (\hat{q} - \langle \hat{q} \rangle)\psi W \\ q = \langle \psi | \hat{q} | \psi \rangle + W \end{cases}$

Test

$$\hat{H}(t) \rightarrow \hat{H}(t) + g V^{BR}(\hat{q} - q(t))$$

2 models break down
2 - " - survive