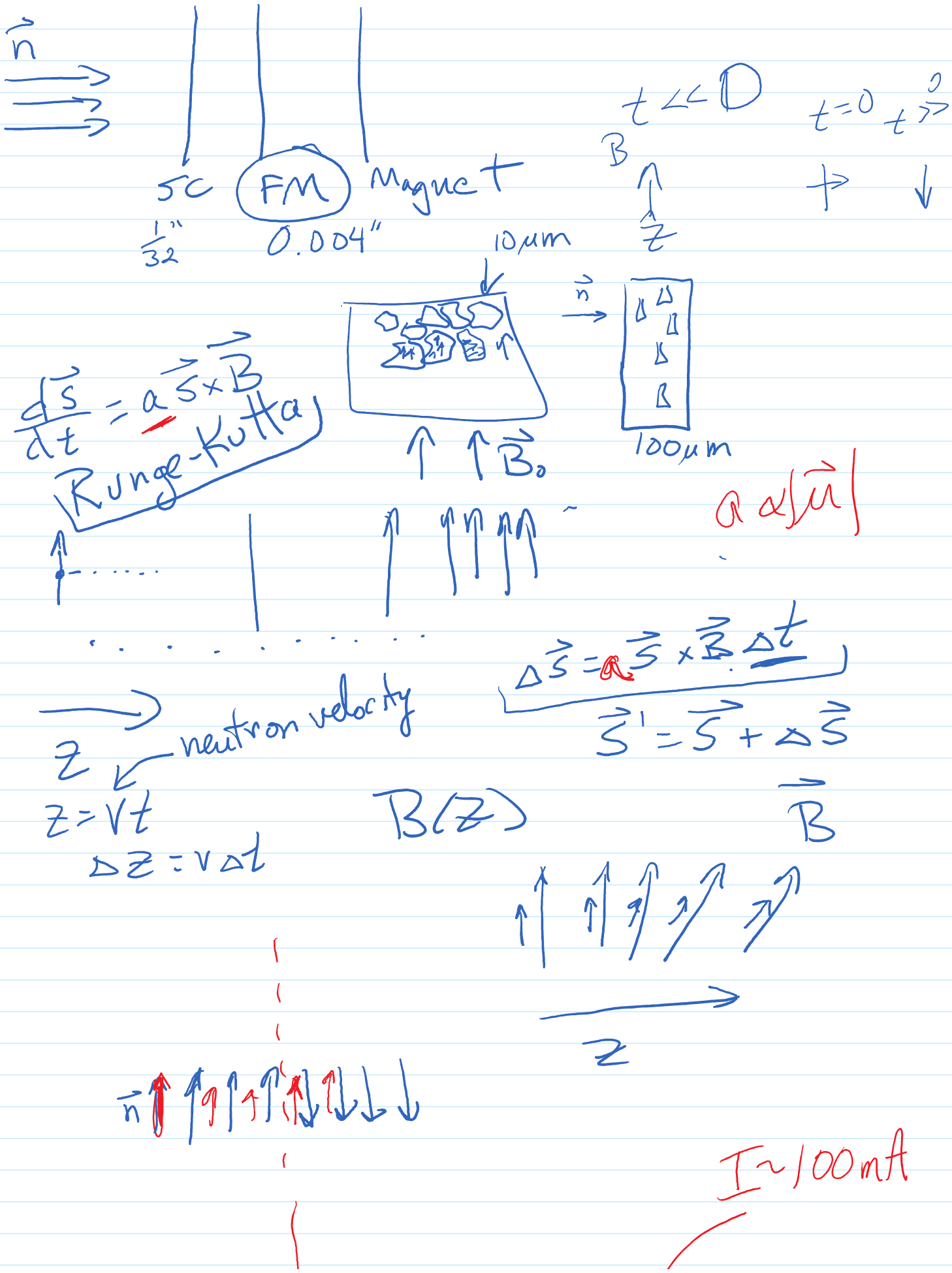
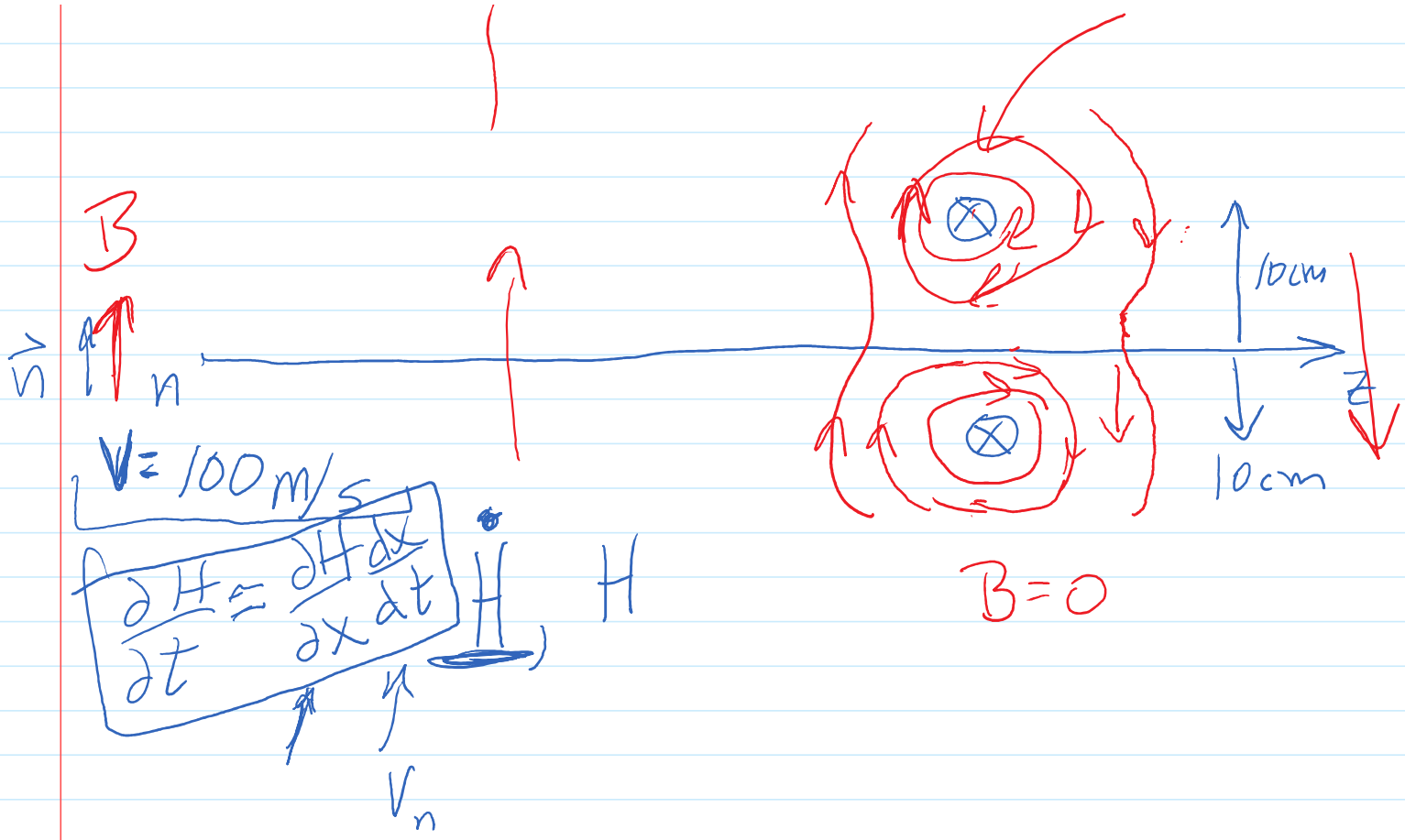

n
SC
1/32"
FM
0.004"
Magnet
t << D
t = 0
t >> D
B
z
10μm
n
100μm
B₀
dS/dt = a S × B
Runge-Kutta
a ∝ |μ|
ΔS = a S × B Δt
S' = S + ΔS
neutron velocity
z
z = vt
Δz = v Δt
B(z)
B
z
n
I ~ 100mA


B
$\vec{n}$
n
V = 100 m/s
$\frac{\partial H}{\partial t} = \frac{\partial H}{\partial x}\frac{dx}{dt}$
H
V_n
10cm
10cm
z
B=0