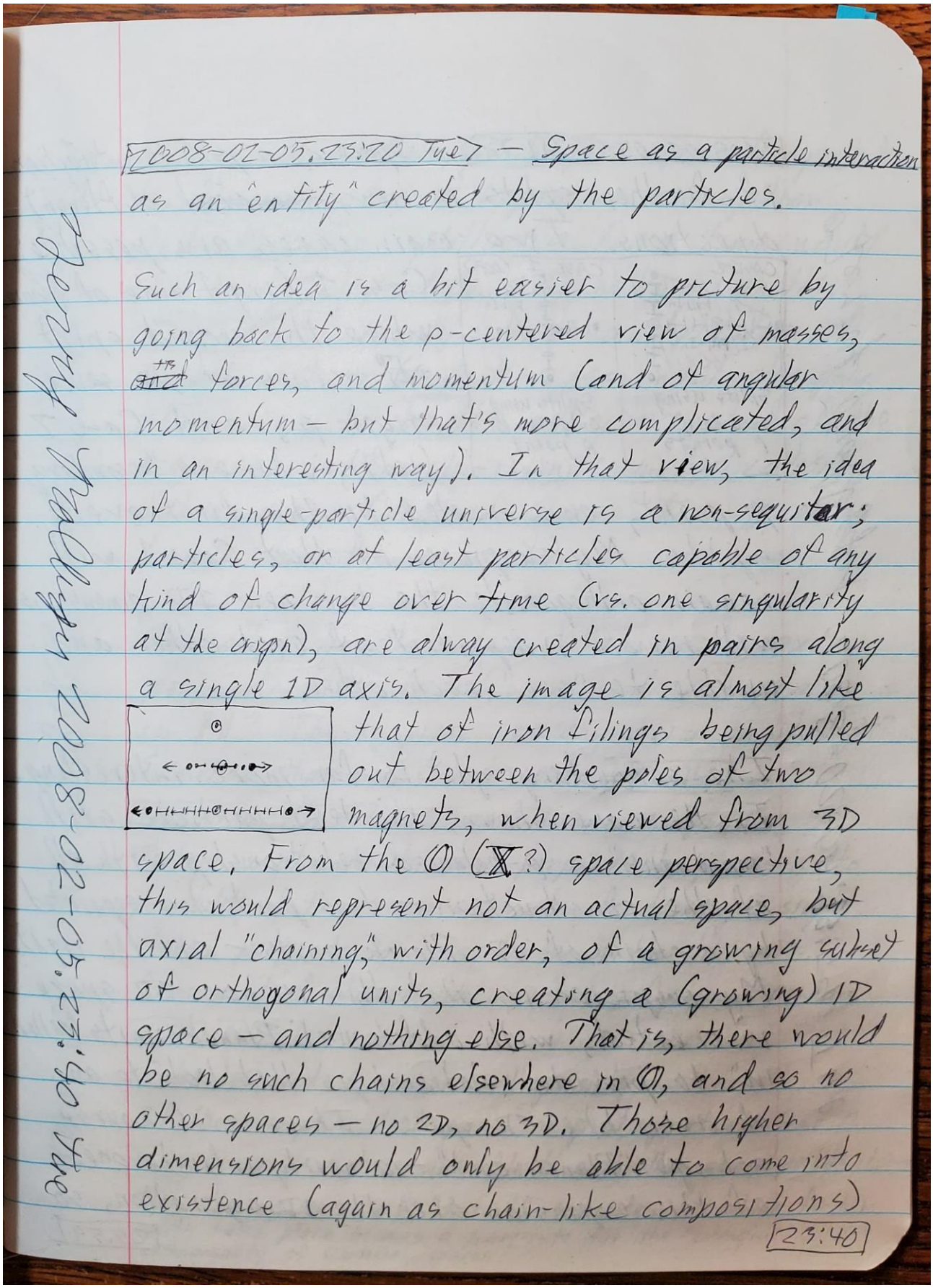


2008-02-05.23:20 Tue — Space as a particle interaction as an "entity" created by the particles.

Such an idea is a bit easier to picture by going back to the p-centered view of masses, ~~and~~ forces, and momentum (and of angular momentum — but that's more complicated, and in an interesting way). In that view, the idea of a single-particle universe is a non-sequitur; particles, or at least particles capable of any kind of change over time (vs. one singularity at the origin), are always created in pairs along a single 1D axis. The image is almost like

that of iron filings being pulled out between the poles of two magnets, when viewed from 3D space. From the 0D (X?) space perspective, this would represent not an actual space, but axial "chaining," with order, of a growing subset of orthogonal units, creating a (growing) 1D space — and nothing else. That is, there would be no such chains elsewhere in 0D, and so no other spaces — no 2D, no 3D. Those higher dimensions would only be able to come into existence (again as chain-like compositions)

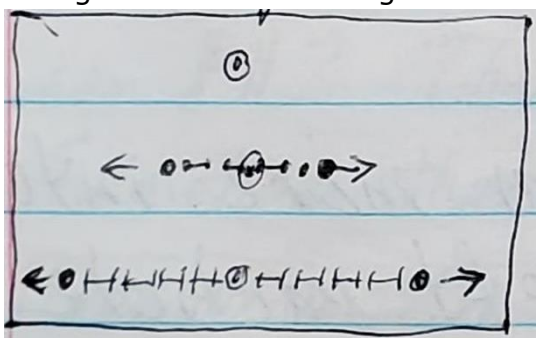
23:40

Forward through 2008-02-05.23:40 the

[2008-02-05.23:20 Tue> — Space as a particle interaction

[Prior page] [23:18> This would be akin to the Feynman view of direct (no field) particle interaction at a distance — but with distance itself as an "entity" created by the particles.

Such an idea is a bit easier to picture by going back to the ρ-centered view of masses, Forces, and momentum (and of angular momentum — but that's more complicated, and in an interesting way). In that view, the idea of a single-particle universe is a non-sequitur; particles, or at least particles capable of any kind of change over time (vs. one singularity at the origin), are always created in pairs along a single 1D axis. The image is almost like



that of iron filings being pulled out between the poles of two magnets, when viewed from 3D space. From the $\mathbb{O}$ ($\mathbb{X}$?) space perspective, this would represent not an actual space, but axial "chaining," with order, of a growing subset of orthogonal units, creating a (growing) 1D space — and nothing else. That is, there would be no such chains elsewhere in $\mathbb{O}$, and so no other spaces — no 2D, no 3D. Those higher dimensions would only be able to come into existence (again, as chain-like compositions)

[23:40]

Terry Bollinger 2008-02-05.23:40 Tue