

## Analogies Concerning Life 147

generated during the acceleration-period by a pulse of radiation which travels with the speed of light, being maintained during the steady-motion period by a sort of inertia as if in accordance with the first law of motion, and being destroyed only by a return pulse of re-radiation during a retardation-period when the moving charge is stopped or diverted or reversed—all this can hardly be fully explained until the intimate nature of an electric charge has been more fully worked out; and the subject now trenches too nearly on the more advanced parts of Physics to be useful any longer as an analogue for general readers.

Indeed it must be recollected that no analogy will bear pressing too far. All that we are concerned to show is that known magnetic behaviour exhibits a very fair analogy to some aspects of that still more mysterious entity which we call "life"; and if anyone should assert that all magnetism was pre-existent in some ethereal