

The Lagrangian Framework

I Presentiments

1. The role of presentiment is actually simpler than it first seems. Just as we use our presentiment of what a continuous curve is to build the whole monument of the real continuum, its set theory, its logic and crown it with the Jordan curve theorem, we use the equally 'geometric' presentiment of tangency and non-intersection (which turns out to be a 'faithful picture') to find a possible answer to the 'inverse problem': *find the conditions of optimality, the properties of optima*. As we know, there is generally no method for the inverse problem, and hence there is no surprise in the need to use a presentiment as a heuristic as an aid in the search. From this, we formally continue and prove that the pre-sensed and translated properties do in fact, identify optima.

X. "Y."