We can now no longer postpone the recognition of a second Sub-branch of theoretical science. It is a department perfectly well recognized. It belongs by virtue of its purpose to the branch of Theory; yet varies enough in its purpose from the active science to be erected into a Sub-branch. It is the subject of Humboldt’s *Cosmos*, Comte’s *Philosophie Positive*, and Spencer’s *Synthetic Philosophy*. It is science en retraite, *Wissenschaft a.D*. Its design is to sum up the results of all the theoretical sciences and to study them as forming one system. It may be called *retrospective* in contradistinction to *active* science.