

combined with marked order are the commanding features of any aspect which in contemplating we consider to be real.

The marked feature of the second way of arriving at conviction is the strict logical connection in which single experiences, thoughts, or ideas stand to each other. It is not the broad expanse of view but the compelling train of thought which forces conviction upon us; the careful steps which are taken, the closely knitted chain of reasoning leading from one simple position to another, obliges us, willingly or unwillingly, to give assent. It is not the synoptic view and the large grasp but the analytic and carefully dissecting process, followed by an equally careful synthesis of single ideas, by which we are led on to the results. These not infrequently startle us by their strangeness, so that we hardly feel convinced, though we can find no fault in the process which has led us up to them.

The further civilisation advances, and with it knowledge and learning, the more complicated becomes the network of the many trains of reasoning which fill the mind. And, notably in the Sciences, these trains of reasoning have become so elaborate that they form as it were a world by themselves; one of those inventions of the human mind which testify to its freedom and creative power, and form one of the great features in the World of Values.

The prototype of such a network of close reasoning as we find in many of the separate sciences and in the region of historical criticism has always been the science of Mathematics. Out of a few simple data called