

that by a calculus of his own formation, as with the power of a talisman, the heavens, with their stupendous masses and untrodden distances, should have thus been opened to his gaze—can only be explained by the intervention of a Being having supremacy over all, and who has adjusted the laws of matter and the properties of mind to each other. It is only thus we can be made to understand how man, by the mere workings of his spirit, should have penetrated so far into the workmanship of Nature; or that, restricted though he be to a spot of earth, he should nevertheless tell of the suns and the systems that be afar—as if he had travelled with the line and plummet in his hand to the outskirts of creation, or carried the torch of discovery round the universe.

13. (3.) Our next adaptation is most notably exemplified in those cases, when some isolated phenomenon, remote and having at first no conceivable relation to human affairs, is nevertheless converted, by the plastic and productive intellect of man, into some application of mighty and important effect on the interests of the world. One example of this is the use that has been made of the occultations and emersions of Jupiter's satellites, in the computation of longitudes, and so the perfecting of navigation. When one contemplates a subserviency of this sort fetched to us from afar, it is difficult not to imagine of it as being the fruit of some special adjustment, that came within the