

need to widen or extend this range—nay, that without the aid of one additional fact or experience, it is possible for the spirit of man to pass onward from the first principles of the science, and traverse all the fields both of geometry and analysis that have yet been explored. More particularly—with that little of observation, which for aught we know might have been necessary ere we could conceive aright of one triangle—with that, and no more, might we master the many thousand properties of each individual in that infinity of triangles that could be furnished by the points innumerable of space—and so, while passing from one truth to another in the little diagram that is before me, I may in fact, and without one particle of more light being borrowed from observation, be storing up in my mind the truths of a high and distant astronomy. And, in like manner, observation it may be contended is the original source of all our ethics, though I should rather say that it supplied the occasional cause for the development of our ethical faculties. But in either way, I must perhaps have seen an exemplification of kindness from one being to another, ere I could understand that gratitude was the emotion which ought to be rendered back again. But after having once gotten my conception and my belief of the virtue of this peculiar relationship—this will serve me for all the cases of Beneficence that shall ever afterwards come within my knowledge. The moral will admit of as wide and as confident an application as the mathematical—and only grant me to have ethics enough for perceiving that when between two fellow-men