## CHAPTER IO.

## THE INFINITE IN THE UNIVERSE.

There is no such thing as an end in the universe. Yet people sometimes, or perhaps very commonly, regard the universe as having limits, and if they are asked what they suppose lies on the other side of these limits, they may reply, as did an acquaintance of the author recently: "Space." If the question is then pushed a little further and they are asked, what lies beyond this so-called space of theirs, the reply is very apt to be that it is without limits.

There is in the universe no " up " and no " down." If there were such a relation as that which we call "down," heavenly bodies would, of course, all fall toward this " down," or " bottom," and then just where would they arrive? If there can be no " down," it follows that there can be no " up" in the universe. The number of heavenly bodies, like our earth or our sun, etc., is infinite, which means nothing more or less than that there is no number. Were we, for example, to imagine ourselves on the most distant heavenly body that we can perceive from the earth, we should then behold as many more new heavenly bodies. Because there is no