

truly scientific minds admit that matter must have existed from eternity. It is indestructible, and the indestructible cannot be created. This is the crowning glory of our century to have demonstrated the indestructibility of matter and the eternal persistence of force. Neither matter nor force can be increased or diminished. Force cannot exist apart from matter. Matter exists only in connection with force, and consequently, force apart from matter, and superior to nature, is a demonstrated impossibility.

Force, then, must have also existed from eternity, and could not have been created. Matter in its countless forms, from dead earth to the eyes of those we love, and force, in all its manifestations, from simple motion to the grandest thought, deny creation and defy control.

Thought is a form of force. We walk with the same force with which we think. Man is an organism, that changes several forms of force into thought-force. Man is a machine into which we put what we call food, and produce what we call thought. Think of that wonderful chemistry by which bread was changed into the divine tragedy of Hamlet!

A god must not only be material, but he must be an organism, capable of changing other forms of force into thought-force. This is what we call eating. Therefore, if the god thinks, he must eat, that is to say, he must of necessity have some means of supplying the force with which to think. It is impossible to conceive of a being who can eternally impart force to matter, and yet have no means of supplying the force thus imparted.

If neither matter nor force were created, what evidence have we, then, of the existence of a power superior to nature? The theologian will probably reply, "We have law and order, cause and effect, and beside all this, matter could not have put itself in motion."

Suppose, for the sake of the argument, that there is no being superior to nature, and that matter and force have existed from eternity. Now suppose that two atoms should come together, would there be an effect? Yes. Suppose that they came in exactly opposite directions with equal force, they would be stopped, to say the least. This would be an effect. If this is so, then you have matter, force, and effect without a being superior to nature. Now suppose that two other atoms, just like the first two, should come together under precisely the same circumstances, would not the effect be exactly the same? Yes. Like causes, producing like effects, is what we mean by law and order. Then we have matter, force, effect, law and order without a being superior to nature. Now we know that every effect must also be a cause, and that every cause must be an effect. The atoms coming together did produce an effect, and as every effect must also be a cause, the effect produced by the collision of the atoms, must as to something else have been a cause. Then we have matter, force, law, order, cause and effect without a being superior to nature. Nothing is left for the supernatural but empty space. His throne is a void, and his boasted realm is without matter, without force, without law, without cause, and without effect.