1086-03-347   **Salilesh - Mukhopadhyay*** (`smukhopadhyay@optonline.net`), 8 Green Hill Road, Hackettstown, NJ 07840-5687. *The Mathematical Foundations Of Religion and Ethics*

The mathematical foundations of religion and ethics are explored through the algebraic and geometric approaches. Starting with the binary relation between a person and his or her faith an Abelian group is constructed with ATMA [the soul] as the identity. The mathematical relation between man and God can be explained in two dimensions as follows: Man is an infinite circle whose circumference is nowhere, but whose center is located in one spot; and God is an infinite circle whose circumference is nowhere, but whose center is everywhere. An analytic comparison is made between Geometry [Mathematics] and Religion. Finally the geometry of truth is established through the domain of ignorance and the domain of enlightenment. (Received August 23, 2012)