The Arithmetic of Events and a New Theory of Gravitation
MALEK ABBASI, Department of Mathematics, Tarbiat Modares University P.O.
Box 14115-175, Tehran, Iran — Of fundamental importance in physics is the con-
cept of event. This study tries, first, to provide a mathematical background showing
how must deal with these events and based on what laws the watches, another im-
portant concept used frequently in this research, record them. Armed, then, with
this mathematical background, the Gravitational Clouds Theory, a novel theory of
gravitation concerning the role of the matter and energy in the universe, is pro-
posed. This completely new theory leads to miscellanies results some of which are:
the second Einstein's postulate; the well known identity E = mc2; the time-dilation
phenomenon and Fitzgerald-Lorentz contraction. This theory will also explain why
indeed we never feel the speed of the Earth, what is the origin of Dark matter-energy
and many other extraordinary results associated with cosmology.

Malek Abbasi
Department of Mathematics, Tarbiat Modares University
P.O. Box 14115-175, Tehran, Iran