KINEMATICS OF TWO BODIES IN TERMS OF GEOMETRIC SERIES

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ABSTRACT

In this paper the motion of two bodies moving along straight lines with uniform velocities have been considered and studied with the help of Geometric series. When two bodies move in same straight line with different uniform velocities then the distance between them varies continuously and follows a geometric progression. Three different cases have been discussed in this paper. In first case both the bodies move along a straight line in same direction and in the second case bodies move along parallel lines and in third case they move along non-parallel lines.

KEYWORDS: Two Bodies**,** Straight, Geometric Series