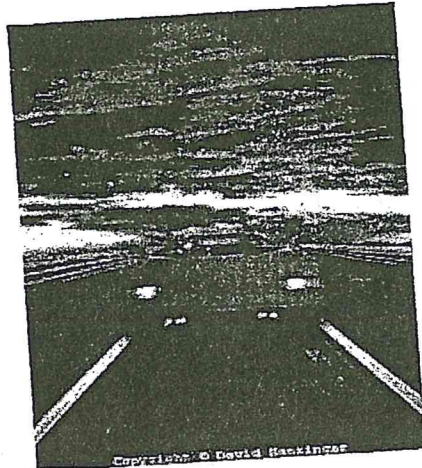


MATTER IN MOTION SONG
(Sing to the tune of 'Here we go round the mulberry bush')

Position is relative,
Relative, relative
Position is relative
To a reference point.



Average speed is total distance,
Total distance, total distance
Average speed is total distance
Over total time.

$$\text{Average speed} = \frac{\text{Distance travelled}}{\text{Time interval}}$$

Type: scalar

Unit: m/s or m s⁻¹

Changes in velocity are due to,
due to, due to
Changes in velocity are due to
Speed or direction change

Rate of change of velocity
Velocity, velocity
Rate of change of velocity
Acceleration's 'da name'