Answer on Question #44702, Physics, Mechanics | Kinematics | Dynamics Question:

The velocity of a particle is v=5+2 (a1+a2t) where a1and a2 are constants and t is the time. What is the eccelaration oif the particle.

Answer:

Acceleration of the particle equals:

a=dv/dt

where v is velocity of the particle, t is time. Therefore:

a=d/dt(5+2(a1+a2t))=a2

Answer: a2

http://www.AssignmentExpert.com/