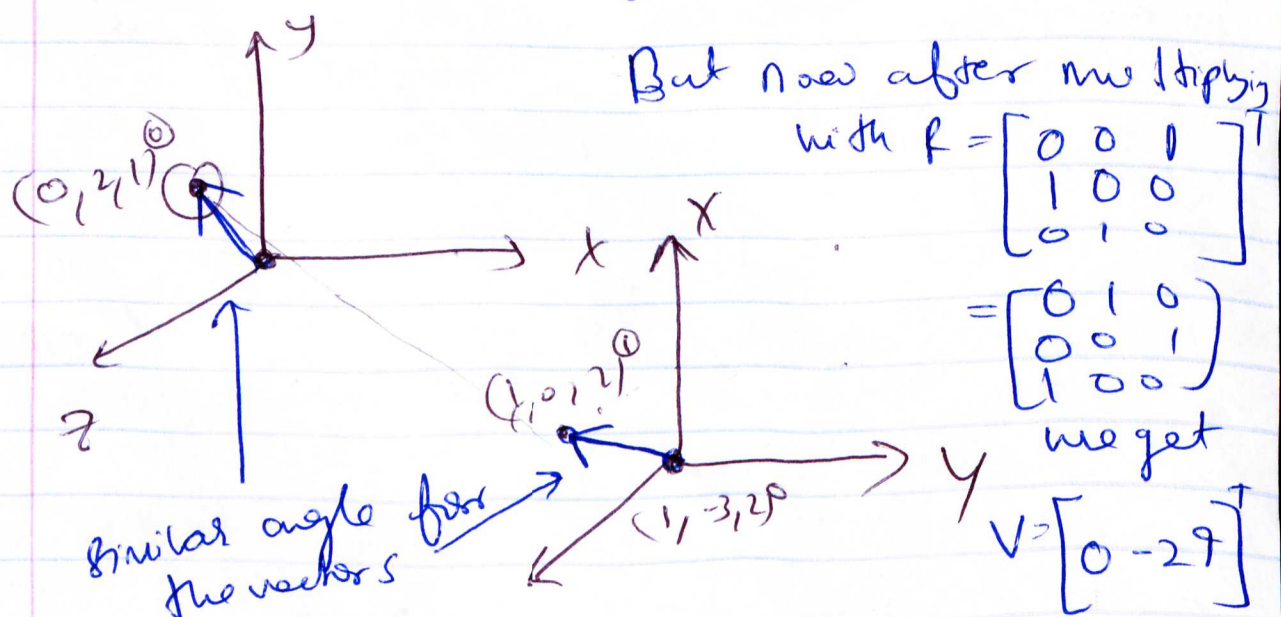


This is the velocity of the particle relative to the frame 1.

- ⑥ Let A be the base frame.  
Let B be the new frame.

Previously calculated  $v = (9 \ 0 \ -2)^T$



This is the original velocity