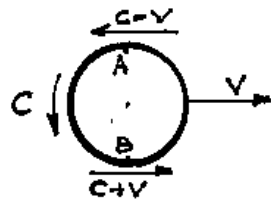
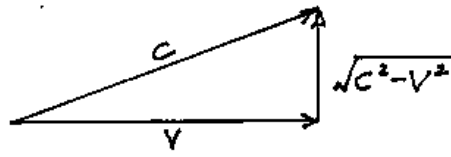


RELATIVITY BY SPINNING PARTICLES



Combined velocity
 $= (c-v) + (c+v)/2 = c$



distance $S = Ct_1 = \sqrt{c^2 - V^2}(t_2)$

relative time $\gamma = c / \sqrt{c^2 - V^2} = 1 / \sqrt{1 - V^2/c^2}$

FIGURE 7