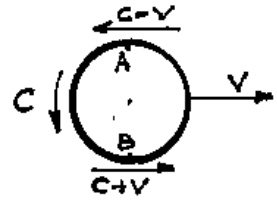
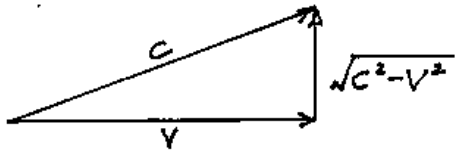


Combined velocity
$= (c-v) + (c+v)/2 = C$



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

relative time $Y = C/\sqrt{C^2-V^2} = 1/\sqrt{1-V^2/C^2}$

FIGURE 7