Two linkages AB and BC are pinned together. Linkage AB is pinned at A meanwhile linkage BC can only slide horizontally at C. If $V_C = 1 \, m/s$, what is the relative velocity of B with respect to C ($V_{B/C}$)? Assume the linkages are of equal length l = 1m and at an angle of $\theta = 30 \, deg$ with the horizontal.

