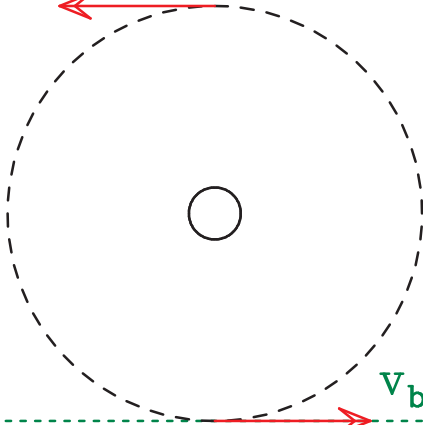


$$v_{\text{top}} = -\omega r$$



$$v_{\text{bot}} = +\omega r$$