



A 2D Cartesian coordinate system is shown with a horizontal *x*-axis and a vertical *y*-axis. A vector Ω originates from the origin. It has a horizontal component along the *x*-axis and a vertical component. A dashed line segment connects the tip of the vector to the *x*-axis, forming a right angle. The angle between the vector and the positive *x*-axis is labeled μ in green.

y

Ω

μ

x