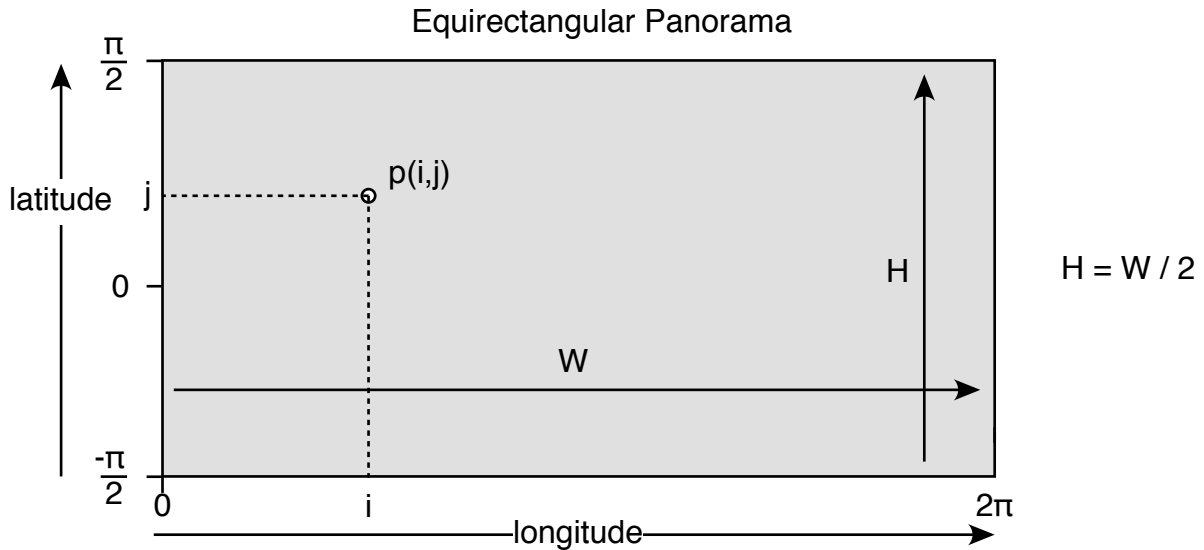


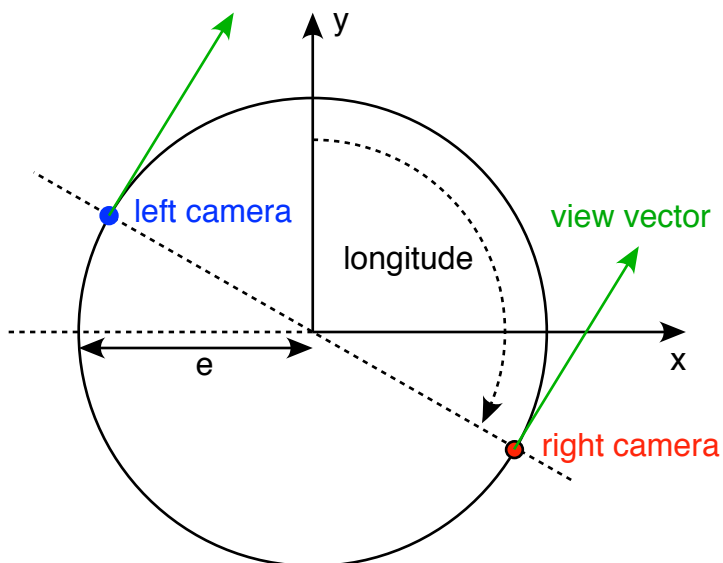
Mathematics for Omnidirectional Stereoscopic Equirectangular Panorama



Camera position	Left eye	Right eye
	$x = e \sin(\text{longitude})$	$x = e \sin(\text{longitude} + \pi)$
	$y = e \cos(\text{longitude})$	$y = e \cos(\text{longitude} + \pi)$
	$z = 0$	$z = 0$

View vector, perpendicular to circle	$x = \cos(\text{latitude}) \cos(\text{longitude})$
	$y = -\cos(\text{latitude}) \sin(\text{longitude})$
	$z = \sin(\text{latitude})$

Top view



Side view

