

The figure shows a plot of the function $f(x) = 1 - \cos(x)$ for x in the interval $[-0.1, 0.1]$. The x-axis is labeled with values -0.10, -0.05, 0.00, 0.05, and 0.10. The y-axis is labeled with values 0.00, 0.05, and 0.10. A blue square marks the origin (0,0). A series of green lines radiate from the origin into the second quadrant, and a series of red lines radiate from the origin into the first quadrant. The lines are straight and represent the function's behavior near the origin.

