



A diagram illustrating a parallelogram on a grid. The parallelogram is filled with a light red color and has a thick black border. It is oriented diagonally. The top-left vertex is labeled with the vector $\mathbf{r}_t \Delta t$ pointing to it. The bottom-left vertex is labeled with the vector $\mathbf{r}_s \Delta s$ pointing to it. The grid consists of a light blue background with a fine white grid and thicker black lines forming a larger grid.

$\mathbf{r}_t \Delta t$

$\mathbf{r}_s \Delta s$