line-intersection2

$$
\begin{aligned}
t\,v_x - s\,w_x &= Q_{0\mathrm{x}} - P_{0\mathrm{x}} \\
t\,v_y - s\,w_y &= Q_{0\mathrm{y}} - P_{0\mathrm{y}} \\
t\,v_z - s\,w_z &= Q_{0\mathrm{z}} - P_{0\mathrm{z}}
\end{aligned}
$$

newline
t v_{x} - s w_{x} ~ = ~ Q_{0x} - P_{0x} newline
t v_{y} - s w_{y} ~ = ~ Q_{0y} - P_{0y} newline
t v_{z} - s w_{z} ~ = ~ Q_{0z} - P_{0z} newline
newline