# Special Relativity and Quantum Mechanics by Ruler and Compass I. 


mimem




Relawavity - Using light's own wave-like
nature to better understand special relativity and quantum mechanics

## 


(H) 2 Doppler shifted CWS Interfering in Space-Time




Geometry applies to $(x, y)$ space-space
to $\left(k_{k}, k_{v}\right)$ per-space-per-space

$$
\begin{aligned}
& \text { to }(x, k) \text { an perspace-per-sis } \\
& \text { to }(x, t) \text { space-time }
\end{aligned}
$$

L) Optical wave guide relativistic geometry aided by Occam's Sword

(1) Per-space Perisppace Geometry


