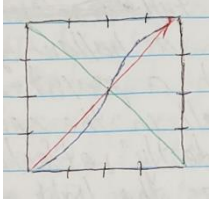
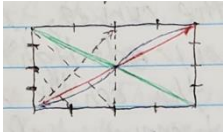


[2011-07-29.21:46 Fri>

[2011-07-30.10:02 Sat]

[Scale and the Doppler Effect / Shorter names for FG SDCs?]

Scale doesn't seem to pop out in any direct way from normalization of tx moving frame rectangles to $\tau\xi$ squares. However, using Doppler normalization seems very promising as a way of getting scale into the system, since it should be set directly by the k frame velocity



From the stationary frame, what appears to be needed to

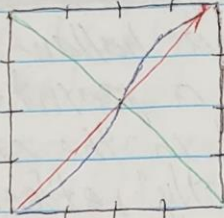
create the k cell is for the light exactly opposite to the k propagation to have a higher frequency, in this case about double that of the forward direction. [2011-07-30.09:47> The time front of the stationary fine-grained spatially distributed clock (FG SDC, I still don't like that, and I'm not even sure I'm using the same phrase. It's... like a nano-scale network of tiny clocks with memories, essentially nano-computers with the emphasis on accurate time, memory, and networked synchronization. Not really a gas, due to the rigid relative motions imposed by the Doppler-sensitive networking, yet porous and fully able to contain several SR frames simultaneously. So... A clock "gas"? Clock lattice? Turing gas or lattice? A frame lattice? Frame crystal? Frame gas ("gas" because it implied that the frame is fully "filled" with it)? Turing fluid, since another object can move through it? Observer gas?

[2011-07-30.10:01]

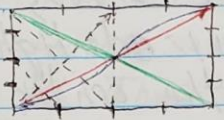
Terry Bollinger 2011-07-30.10:03 Sat

2011-07-29. 21:46 Fri

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[2011-07-30.10:04]

Terry Bollinger 2011-07-30.10:03 Sat