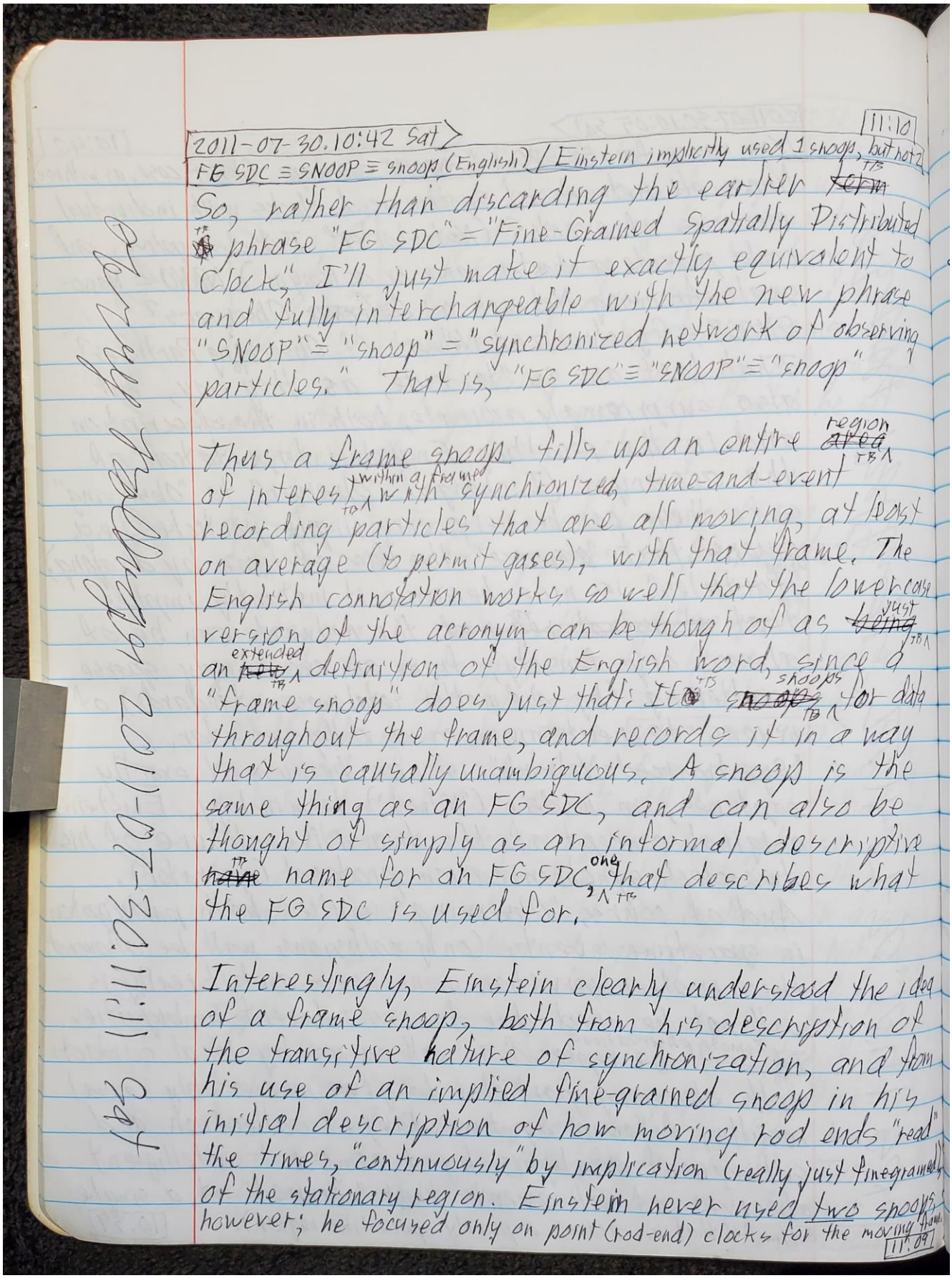
[2011-07-30.10:42 Sat> [11:10]
[**FG SDC = SNOOP = snoop (English) -- Einstein implicitly used 1 snoop, but not 2**]
So, rather than discarding the earlier
phrase "FG SDC" = "Fine-Grained Spatially Distributed
Clock," I'll just make it exactly equivalent to
and full interchangeable with the new phrase
"SNOOP" = "snoop" = synchronized network of observing
particles." That is, "FG SDC ≡ "SNOOP" ≡ "snoop"

Thus a frame snoop fills up an entire region
of interest within a frame with synchronized, time-and-event
recording particles that are all moving, at least
on average (to permit gases), with that frame. The
English connotation works so well that the lowercase
version of the acronym can be thought of as just
an extended definition of the English word, since a
"frame snoop" does just that: It snoops for data
throughout the frame, and records in a way
that is causally unambiguous. A snoop is the
same thing as an FG SDC, and can also be
thought of simply as an informal descriptive
name for an FG SDC, one that describes what
the FG SDC is used for.

Interestingly, Einstein clearly understood the idea
of a frame snoop, both from his description of
the transitive nature of synchronization, and from
his use of an implied fine-grained snoop in his
initial description of how moving rod ends "read"
the times, "continuously" by implication (really just fine-grained),
of the stationary region. Einstein never used two snoops,
however; he focused only on point (rod-end) clocks for the moving frame.
[11:09]

Terry Bollinger 2011-07-30.11:11 Sat

Page 1: Transcription Page 2: Image



2011-07-30.11:11 Sat

2011-07-30.10:42 Sat > 11:10

FG SDC ≡ SNOOP ≡ snoop (English) / Einstein implicitly used 1 snoop, but not 2

So, rather than discarding the earlier ~~term~~ phrase "FG SDC" = "Fine-Grained Spatially Distributed Clock," I'll just make it exactly equivalent to and fully interchangeable with the new phrase "SNOOP" ≡ "snoop" = "synchronized network of observing particles." That is, "FG SDC" ≡ "SNOOP" ≡ "snoop"

Thus a frame snoop fills up an entire ~~area~~ region of interest with synchronized, time-and-event recording particles that are all moving, at least on average (to permit gases), with that frame. The English connotation works so well that the lowercase version of the acronym can be thought of as ~~being~~ just an ~~extended~~ definition of the English word, since a "frame snoop" does just that: It ~~snoops~~ snoops for data throughout the frame, and records it in a way that is causally unambiguous. A snoop is the same thing as an FG SDC, and can also be thought of simply as an informal descriptive ~~name~~ name for an FG SDC, one that describes what the FG SDC is used for.

Interestingly, Einstein clearly understood the idea of a frame snoop, both from his description of the transitive nature of synchronization, and from his use of an implied fine-grained snoop in his initial description of how moving rod ends "read" the times, "continuously" by implication (really just finegrained) of the stationary region. Einstein never used two snoops, however; he focused only on point (rod-end) clocks for the moving frame. 11:09