May 2020

LabPhysics_IS5_20151116_Seg49.pdf

Setting: physics lab
Participants: IS5 (female, black sweater), S1 (male, in red), S2 (male, in stripes), S3 (male, in black)

Xxx S1: D 0.01 is good.
Xxx it's 1 right
Xxx D
Xxx IS5: ((unclear))
Xxx you use
Xxx it might
Xxx I guess it might be 1 milimeter.
Xxx S1: so the board says 1 milimeter.
Xxx IS5: yea 1 milimeter.
Xxx S1: oh ok
Xxx IS5: yea
Xxx ((followers))
Xxx ((stutters))
Xxx S2: I'm sorry
Xxx so I'm trying to calculate the relative error Q.
Xxx don't I do this by cal- by ((unclear))
Xxx S3: isn't it about the same?
Xxx S2: don't I multiple Q by the uh relative temperature?
Xxx s3: but that's
Xxx S2: but I'm- I'm going a get a value that's ((unclear))
Xxx IS5: no u:h Q plus 2 M C delta T right?
Xxx S3: yea
Xxx IS5: and actually what you need to do to get T is uh-
Xxx delta Q for each of them.=
Xxx S2: =oh
Xxx IS5: and then delta 1 square plus two.
Xxx because-
Xxx the difference of the of the-
Xxx have C different M=
Xxx S2: =yes
Xxx IS5: so every-
Xxx delta Q is M times
Xxx delta T right?=
Xxx S2: =yes
Xxx IS5: right.

Xxx and 17 hundred?
Xxx S2: 17,128
Xxx IS5: ((unclear))
Xxx S3: yea it is ((unclear)) 4.65.
Xxx 4.65
Xxx should be right
Xxx IS5: should be should be