

Frank entered the room.
Frank: Hi Annie
Annie: Hi Frank
Frank: Gemma was here a second ago
Gemma entered the room.
Annie: really
Doos entered the room.
Frank: hi Gemma
Doos: hi all
Frank: hi doos
Gemma: hello, forgot i get bumped after a while
Gemma: hi everyone!
Annie: Hi Gemma,
Annie: Hi Doos
Gemma: hi annie dear! great to see you again, love
Frank has left the room.
Annie: great, i am not feeling too good
Doos: is frank at it again?
Annie: but ok
Annie: Frank is at his best again
Gemma: im sorry to hear that. was concerned you are not well
Gemma: frank falling off chairs now?
Jen entered the room.
Gemma: hi jen
Jen: hi you are here already
Annie: Hi Jen
Jen: hi annie
Jen: hi doos
Gemma: yeah, i got done with chores about a half hour ago
Annie: must be cold up there
Michael_O'Neill entered the room.
Doos: hi jen
Doos: hi michael
Annie: Hi Michael
Gemma: wow. a crowd! how has the wine and cheese?
Michael_O'Neill: Hello all
Jen: hi micheal
Gemma: hellow
Gemma: boy my fingers are not speaking english tonight lol
Doos: should get busier, frank is gone and our guest hasnt arrived yet
Jen: cold i thought i saw cold until last week or the week before
Jen: we hit -40
Doos: thats cold
Gemma: okay so i was only at -29. you win
Jen: yeah no kidding tell the water lines that
Jen: everything froze up
Gemma: but i did chores!!!
Gemma: yes, jen learned the lesson about doing dishes before studying lol
Jen: well -40 troy worked on water lines
Jen: dishes???
Annie: if i was there, you would have an iceannie
Gemma: rmember you said the dishes were dirty when the water pipe broke?
Jen: oh well today it is =1
Annie: in that condition
Jen: +1

Gemma: what is an ice annie?
Jen: oh yeah
Jen: i jumped for joy when i could do them
Jen: a frozen annie
Gemma: oh. you mean like ice-cicle
Frank entered the room.
Gemma: i can be so dense sometimes lol
Annie: Hey Frank what ya doing
Frank: hi again
Doos: wb frank
Jen: hi frank
Frank: thought I'd fixed it
Annie: no ice-e pole
Frank: hi jen
Jen: ok well i got to go start supper brb
Frank: Hi michael
Gemma: who is the guest and what is the topic tonight?
Michael_O'Neill: hi frank
Annie: we don't askthat question. its a mystery
Doos: the topic is visual optics/gemmolgy
Michael_O'Neill: cool
Frank: we have to call them X
Gemma: oh. see. i should start coming to the chats and then id know huh
Doos: person X
Doos: heh
Frank: no it's a doos and annie thing Gemma
Frank: they're in the masons
Gemma: this visual optics thing. is that like being able to eyeball a gem and have a good idea of what it is?
Doos: yes
Gemma: i'm actually interested in masons. don't want to be one but i think its intriguing
Frank: it's the gem in the eye thing
Annie: working out if its a doubly or single stone
Annie: before poking out your eye with it
Annie:
Gemma: can it work also to tell something about the inclusions and possibly fractures etc?
Annie: its so much fun though
Gemma: just don't use tourmaline . . .
Annie: no
Gemma: oh. not super gem-eye then
Doos: maybe person X missed the bus
Gemma: turned off the alarm.
Frank: or got cold feet
Frank: or palpitations
Gemma: i had cold feet tonight lol
Doos: he got what?
Gemma: and palpitations considering how far ahead of me you guys are lol
Frank: it's when the heart races
Doos: ah
Frank: due to over excitement
Frank: or nerves
Doos: I just shit me pants
Frank: lol

Doos: not all that fancy stuff
Gemma: i get hives on my face. i think id rather poop
Frank: messier but not sommmmmm ...medical
Annie: hey doos, do you know what mks.exe. is
Doos: uhm no annie, sounds like a program
Doos: could be a virus aswell
Annie: gosh i just got broadband installed for the same dollar as dial up here
Annie: and i get all sorts of funny things in my face
Frank: lucky Annie
Doos: didn't you get a manual?
Annie: last night i feel asleep again
Gemma: annie, mks.exe is usually a file from the Frodo virus
Annie: its one of those self plug things, but not much explanation
Doos: how can you feel asleep yesterday?
Annie: oh thanks Gemma,
Frank has left the room.
Gemma: frank needs to wear a seat belt
Doos: bye frank, rude guy .. not even a kiss goodbye
Annie: not even to you Doos
Doos: no
Gemma: while im waiting i will pop out to give my cat his insulin
Gemma: brb
Annie: i mean i fell asleep doos
Doos: ah, but that's a good thing
Annie: not too good if its me
Doos: you are getting older, you need your naps
Annie: Michael , how is it going over there with you
Annie: nah, i don't need naps
Gemma: back
Michael_Oneill: just great!
Doos: maybe we could start with jen/gemma's questions while we wait for person X
Michael_Oneill: 375
Annie: great,
Gemma: 375?
Annie: 9 carat you mean
Michael_Oneill: sorry, I'm doing two things over here
Doos: heh
Gemma: oh, ignore me then. i don't need to know .lol
Annie: lol
Gemma: yes, if you wish i have a question/clarification
Doos: shoot gemma
Gemma: ok,
Annie: no we don't wish, we want
Gemma: kiss kiss annie
Gemma: ok, here goes
Gemma: it's that form thing. i think i know what it is and will state it then
tell me where i am right or wrong
Doos: ok
Gemma: a form is a shape, not a three dimensional "form"
Frank entered the room.
Jen: ok back for now
Annie: hey frank
Michael_Oneill: have to step out for a bit, hope to be back
Annie: be quick mike
Doos: ok michael

Gemma: frank, please wear a seat belt so you don't keep falling out.
Gemma: frank, i was asking doos and annie a question about form
Frank has left the room.
Annie: frank, hang on tight
Gemma: good grief! lol
Gemma: what is that man's problem
Gemma: lol
Doos: I'll talk with him later, so he wont be having the same problem next week
Jen: lots of people seem to have trouble getting kicked out
Gemma: hi jen
Jen: hi gem
Gemma: were were just getting in the form questoin thing
Jen: yes i saw
Gemma: shall we try again?
Jen: but i am up and down doing supper
Jen: when does the X get here
Gemma: i will log this for you jen if you miss some and then can come in later
with more questions? is that ok
Jen: yep
Gemma: thank you.
Jen: and if you figure it out then YOU can tell me
Gemma: deal
Jen: ok love
Gemma: so . . . ready doos and annie?
Doos: yes
Gemma: ok. is it correct that a form is a shape and not necessarily a three
dimesional "shape"
Doos: not neccessarily, but the major ones are
Gemma: like the cubics
Annie: form is a face on the crystal that can be idential relation
Doos: and the prisms - pyramids
Annie: i posted under Jens question on the forum, did you read
Gemma: today?
Annie: in a very simple format,
Annie: well, this morning
Gemma: i must have missed it. will check it right now.
Jen: it is in FGA guru chat
Annie: under guru chat , question from jen,, saying she did not understand yet
Annie: like doos said pyramids, domes and pinacoids
Gemma: ok. that was after she and i talked this morning. i am looking at it
right now.
Annie: and so on are secondary forms
Annie: that make up that form, not neccesarily one form on its own
Annie: only one form exists in a cube that is closed form
Annie: everything else is open
Annie: need other faces or forms to close it
Annie: like the house will need a roof on top
Annie: ok have a look at it
Gemma: right. ok i read it. (looked for the previous guru chat on it cause i
know there was one but couldn't find it so thanks for saying with one).
Gemma: but what i am wondering is
Annie: yes
Gemma: if the open form is open because of the angles of the form
ClassyCarat entered the room.

Jen: but what i don't get is why they are open and why they are closed but i want to review what info you gave me annie
Annie: hey classy
Gemma: that there is no way to close them made up only of themselves.
Jen: i have not had that chance yet
Doos: hey classy, missed the bus?
ClassyCarat: Hey, all..
Jen: hi classy
ClassyCarat: better late than never????
Annie: when its closed form, Jen, the angles between the faces of each other are all the same
Doos: indeed classy and we have lots of other ground to work
Gemma: like a pinicoid's angles can't enclose space of themselves, they need to "cap" an angular form
Annie: therefore 1 form
Annie: like the cubes
Annie: or isometric system
Frank entered the room.
Doos: people, classycarat is our guest speaker for the evening on visual optcis
Annie: your diamonds, spinels, garnets
Jen: oh so it is the angles that make them closed or open
Annie: all in cubic form
Gemma: hello CC. welcome guest speaker
Frank: Hi CC
Jen: ok well let them go on with the X
Annie: hello Classy Carat and Frank,
ClassyCarat: Why, thank ya..
Jen: and we can come back to this
Doos: frank, we should meet tomorrow orso in another chat to fix this problem you have
Frank: hi again all
Frank: yes please
Annie: is michael back yet
Doos: do you have the other address (where I can usualy be found on chat) frank?
Frank has left the room.
Doos: lol
Gemma has left the room.
gemma entered the room.
Doos: omg
gemma: my fault.
ClassyCarat: here we go again..
gemma: went to full screen and asked to refresh. not possible.
gemma: i will just leave the screen alone now. sorry
Doos: what shall we do classycarat, you want to start or wait a bit till micahel and frank are back?
Annie: gemma, how do i get rid of thing mkse.exe
ClassyCarat: sure.. I don't have all that many words of 'wisdom'
gemma: mkse.exe? i thought it was spelled mks.exe
Doos: we have all the questions to keep you busy
ClassyCarat: OK...
Annie: it keeps slamping on my face all the time
Jen: ok well annie i am going to go ovcer the pages and info you gave me on this
Jen: and maybe it will clear things
gemma: is it mks.exe? is that how its spelled annie

Jen: but i won't get a chance to really go over it until tonight possibly
tomorrow

Jen: it is our oldest daughters 21 bday and she wants us to go out later, but i
am not sure if we are

Annie: i will look one more for the spelling, it will probaby come back again

Jen: in any case i think that should help now i know it has to do with angles

Annie: i am hopeless with computers

gemma: annie, if it is mks.exe you can just find the file and put it in the
trash but don't delete it completely for a while.

ClassyCarat has left the room.

Doos: oh oh

ClassyCarat entered the room.

gemma: hello again. were afraid you left

Jen: are people getting kicked out

Doos: you worried me there for a minute classy

Jen: is that what is happening

gemma: i wonder if it is a time out thing

Doos: no, frank is talking

Frank entered the room.

Jen: but i went and got my supper going and i never got kicked

ClassyCarat: Naw.. Just trying to ajust the screen so I vcan see my mis
spellings

Annie: frank , shall we go down on our knees for your computer to stay put

gemma: yes, that happened to me with refresh in full screen

Frank: hi again....trying something here

gemma: super glue i hope

gemma: so you stay put lol

Frank has left the room.

ClassyCarat: adios..

Doos: so rude

gemma: actually im getting used to him doing it. its like having a ghost around
. . .

ClassyCarat: someone doesn't like Frank..

Jen: brb

ClassyCarat: well.. do attack or wait??

Doos: lets give frank one more chance?

ClassyCarat: K...

Annie: is he rebooting

Annie: do you know doos

ClassyCarat: I think he said it was a full re-boot

Annie: m k s c. exe

Annie: gemma

gemma: oh. let me look it up. that may be quite different

ClassyCarat: thats spyware.. mksc.exe

Annie: thNKS

gemma: yes. marketscore. if you look in add remove programs you may find it.
uninstall it.

Annie: uninstall it

ClassyCarat: doubtful that will work

gemma: annie, here are some instructions
<http://www.columbia.edu/acis/security/howto/remove/marketscore.html>

Annie: ok thanks

gemma: right CC, there are other elements to remove

ClassyCarat: yup

gemma: damn crap

ClassyCarat: I HIGHLY recommend Lavasofts Adaware
gemma: and annie, if that doesn't work, it is an older version so use this
<http://www.columbia.edu/acis/security/howto/remove/marketscore.old.html>
ClassyCarat: it's free and good
gemma: that works well CC. problem is that this alters the LSP files . . .
ClassyCarat: ooooh...
Frank entered the room.
ClassyCarat: Frank!!!
Annie: hi frank
Frank: shhhh!
gemma: pretend frank isn't here. maybe hell hang around
Frank: I'm sneaking
ClassyCarat: tip toe, son...
Doos: okay classy, the floor is yours
ClassyCarat: First tthings first
Doos: ok
ClassyCarat: I use grooved tweezers...
ClassyCarat: I also hold the stones with my fingers to make sure they are well
set in the tweezers
ClassyCarat: finger prints mak no diff..
Doos: saves a lot of crawling on the floor
Annie: good idea
ClassyCarat: I blow the stones to make sure the tweezers haven't micro chipped
the stone..
ClassyCarat: It''s not happened yet..but...
ClassyCarat: I have yet to put a stone in my eye either
ClassyCarat: in the biginning, a single source light in a dim room works best
ClassyCarat: now..to jump over as bit
ClassyCarat: I keep a master set of stones
ClassyCarat: I have a piesc of tablet paper with the stone properties on it
Frank has left the room.
ClassyCarat: Sheesh..
Doos: too bad
gemma: propeties of the stones in your master set, CC?
ClassyCarat: I have the stones arranged 1st by double-single refraction
ClassyCarat: the set is mostly DR
ClassyCarat: On one end I start with zircon
Frank entered the room.
ClassyCarat: That a very high biref
ClassyCarat: wb
Frank: ty
ClassyCarat: the row of stones are arranged by biref
ClassyCarat: high to low
ClassyCarat: I keep topaz and quartz down at the end
ClassyCarat: low end
Doos: frank, he has his masterstones in an order from high birifring. to +ow and
he keeps a chart of all the properties on his desk
Frank: ok ty
ClassyCarat: conundum works there also
ClassyCarat: sphene and peridot are also great 'middle' stones
ClassyCarat: you can make your own based on avail
ClassyCarat: sometimes if I want to study RI i will re arrange by RI...hi to low
Annie: classy, can i ask something
ClassyCarat: Biref is easier to see than RI with VG
ClassyCarat: much easier to start with

ClassyCarat: I try the first stone...hi or low
ClassyCarat: I try to look at the farthest image away from the light source...before the light spots disappear
gemma is currently away.
ClassyCarat: or at least before they is very blurry
gemma: (no im not away)
Annie: are you playing with something, gemma
ClassyCarat: the last clear image is what I work with
gemma:
Annie:
ClassyCarat: SB clear set of images with DR stones
ClassyCarat: I thot I put gemma to sleep
gemma: CC
gemma: quesiton
ClassyCarat: sure
gemma: what do you mean by "light spots"
gemma: disappearing
ClassyCarat: the lamp will appear as a short vertical kinda fat line or lines
Annie: are you with us Frank
Frank: yes
Annie: ok, hang in tight
ClassyCarat: as you increase the angle away from the lamp, they will disappear
gemma: thank you
ClassyCarat: if you use a lamp to your left, the lines will appear to the right of the lamp
ClassyCarat: as you turn your head farther away (increase the angle) they will disappear all together
ClassyCarat: try to focus on the last set of spots before they disappear
ClassyCarat: it may be easier to use a SR stone for this
Annie: this is a great practical session; everyone has to try this later
ClassyCarat: spinel or garnet works well
gemma: wait a minute i am taking notes and have a question
ClassyCarat: as a caveat, garnet will show a bit of false dr..
ClassyCarat: I have one hessonite that fooled me completely...
ClassyCarat: most are not a problem
Annie: yes can be illusive
ClassyCarat: spinel works best, though
Doos: hessonite does give a nice blurry image
ClassyCarat: the angle from the lamp to the last image shows RI
ClassyCarat: all except this Sri Lankan stone
Frank: angle of stone or head to lamp?
ClassyCarat: it's really your head
ClassyCarat: and stone
Frank: do you tilt the stone?
ClassyCarat: look for the last, clean image...
gemma: define clean image please
ClassyCarat: it doesn't matter...sounds strange but true
ClassyCarat: it doesn't matter...sounds strange but true
ClassyCarat: the very last set will look 'smeary'
gemma: ok, so you mean the last clean before the smeary
ClassyCarat: the angle that your head is from the lamp forms an angle
ClassyCarat: yup
gemma: ty
Doos: smeary is hazy?
ClassyCarat: that angle is relative RI

ClassyCarat: more...shoot..'smeary' is more better than hazy
ClassyCarat: but, i suppose
Doos: I think I understand
ClassyCarat: the image seems to stretch
Doos: ah yes
ClassyCarat: that is the individual images
ClassyCarat: sould I pause for you to try??
ClassyCarat: spinel would be a great choice if you have
ClassyCarat: when your trying to ck RI
ClassyCarat: CZ if OK...but can confuse if your not used to
gemma: question CC. when we are learning to do this, what mm size stone would
you recommend?
gemma: i mean, if we have a choice?
ClassyCarat: oh... 6mm or so
gemma: ty
ClassyCarat: sure...
ClassyCarat: I do 10-15 pt size stones
ClassyCarat: best to start with 5-6mm or larger
Frank: do you shut other eye
ClassyCarat: you need to while learning
ClassyCarat: it can confuse
Frank: yes...
Doos: its bad for your eyes if you do that frank
Frank: I know
gemma: worse for the brain . . .
gemma: worse for the brain . . .
ClassyCarat: it's really bad if you stick the stone in it...
Frank has left the room.
gemma: oh good grief
gemma: we should have ignored him lol
Doos: classy, that chart with properties you spoke about, are they only the
master stones or all the major gemstones
ClassyCarat: I kinda lay the tweezers against my cheek to stabilize and adjust
the distance
ClassyCarat: what I was talking about was my master set of stones
ClassyCarat: you need to learn or have a complete set for tables nearby or
memorized
Annie: Classy, you were talking about sphene and peridots being middle stones
Annie: are they in your master set as well
ClassyCarat: yes...oops... actually sphene is the upper end of biref
Annie: sphene has very large BR
Annie: than peridot
ClassyCarat: yup
Doos: what is the main light source you use for this
Michael_Oneill has left the room.
ClassyCarat: I have a desk lamp that I keep a meter or two away
Doos: shade removed?
ClassyCarat: distance is not critical. canit be to close though
gemma: CC, would a true color light source be best or doesn't it make any
differnce?
ClassyCarat: bare bulb is important
ClassyCarat: no diff
ClassyCarat: my lamp is true color, though
ClassyCarat: the one I use most
ClassyCarat: the one I use most

gemma: ok
ClassyCarat: pen torches work just fine
ClassyCarat: about any single point light source
ClassyCarat: for practical purposes, zircon, peridot, tourmaline, and corundum or topaz will give a good range of biref
ClassyCarat: the technique here is to look at the distance between the paired images
Doos: classy, I have a golden beryl here that shows 2 lines at some points, any idea what that is?
ClassyCarat: the 'farthest, clean images
Doos: uh 3 lines I mean
ClassyCarat: not sure what you mean doos
ClassyCarat: three vertical lines?
Doos: yes
ClassyCarat: are they the 'last images'?
ClassyCarat: away from lamp?
ClassyCarat: the last images start to show the rainbow
Doos: 30° or something
ClassyCarat: use the farthest (angular) set of images
ClassyCarat: distance from lamp not important
ClassyCarat: teh moon works well
ClassyCarat: doos...i'm still not sure what your saying???
Doos: heh, sorry.. Doing some practicals
ClassyCarat: thats OK
Frank entered the room.
ClassyCarat: wb
Doos: well instead of 2 lines I get 3 lines (on one joint) and one of them even seems curved
gemma: ignore him. Maybe he'll stay
Frank: ty
Annie: don't say a word, Frank
gemma: play "ghost". Seems to work until you say something
ClassyCarat: hmm.. I'm still not sure doos...
Annie: just knod, we'll understand
gemma: lol
Annie:
Frank:
ClassyCarat: are you looking at the farthest t (angular) set?
Annie: thats better
gemma: angular set?
gemma: oh duh
Doos: yes classycarat, then I see 4 light points (in a square) and double lines going from one to the other
ClassyCarat: of bright, vertical, short lines
Doos: between 2 of those points there are 3 lines instead of 2
Annie: Doos, are you practicing this against the moon ?
Doos: and the most inner ones seem the be curved
ClassyCarat: hmmm... I dunno..
gemma: (whatever he's on, annie, i want some . . .)
Annie:
Doos: I tried it with both a penlight and a clear light bulb
ClassyCarat: I don't have any beryl in front of me just now
Annie: to bad i need to wait about more 12 hours to practice now
ClassyCarat: why, annie?
Doos: I'll save this as a mystery if we ever meet

Annie: its 11.30 am sunday morning here classy
ClassyCarat: I'll try to do the same and let you know
Annie: ok
ClassyCarat: lock yourself in the loo, annie
gemma: not that moon, CC
Annie: yeh do you think it will be dark enough for me
Doos: lol
ClassyCarat: lol
Annie: lol
ClassyCarat: the room need not be in total darkness
Annie: yes, maybe i will take a candle light with me
Doos: classy, did I once mention you that you have a homemade device as a light source?
ClassyCarat: in fact, I have used this in brightly lit showrooms
Annie:
Doos: did I once see you mention*
ClassyCarat: I do...
ClassyCarat: but it is not usually necessary
Doos: could you describe it?
ClassyCarat: having a polarizing filter can be helpful
gemma: (i am going out of the room to get some dinner. brb)
ClassyCarat: just a hand torch with a piece pf tape...and a polar lens taped to it
Doos: bye gemma
gemma: brb
Doos: no pinholes required?
ClassyCarat: I just placed a piece of black tape with a pinhole...
Frank: didn't henneman originally use a slit penlight
ClassyCarat: again...it works without it
ClassyCarat: again...it works without it
ClassyCarat: I think a pinhole better
Frank: ok
Jen has left the room.
ClassyCarat: the technique works fine without a pinhole, also
Doos: that will give a lot of light, so you have it at a distance I assume
ClassyCarat: might be handy while learning, though
gemma: back
ClassyCarat: I'm really tall....just an arm length
Frank: how close can you estimate RI
gemma: hey, isn't this the same think RJ describes on YG?
ClassyCarat: it's a relative thing...
Frank: experience?
Doos: and then you roll the flashlight between your fingers to turn the different lines on/off?
ClassyCarat: rather close...especially if you have a few reference stones nearby
ClassyCarat: doos...you have it
Doos: ah ok
Frank: are the lines polarised light then?
ClassyCarat: if I am in a very strange lighting condition, I often will grab a ref stone just to get my bearings
ClassyCarat: with the polar filter, yes
ClassyCarat: just a single filter
Frank: does the orientation of the plane polarisation affect the lines?
Doos: frank that means that you can only see either the ordinary or the extra-ordinary ray

Frank: have you covered this when I was MIA
Doos: no
ClassyCarat: right, doos
Doos: (to your last question)
ClassyCarat: yup
Frank: yes but are the lines related to the plane of whichever ray I'm looking at
Doos: frank, if you look down the optic axis, the stone will appear to be isotropic (SR)
Frank: yes
Doos: have you ever seen an indicatrix frank?
gemma: is that like a dominatrix?
Doos: heh, no
Frank: definenot that I know of
Doos: ah okay, hard to explain
gemma: shall i google it?
Doos: its the egg thing
Doos: do that later
gemma: ok
ClassyCarat: I guess I didn't make clear...a SR stone only will show a single line...DR two lines...
ClassyCarat: that gets the first test done VERY quickly
Doos: maybe I'm making it more difficult than I should
Frank: Ah ok....missed that bit
Doos: frank, your eye is mainly a refractometer
ClassyCarat: with doos's exception... DR stones will look SR down the optic axis
gemma: (frank, i couldn't resist and disobeyed doos anyway -- look here later . . . <http://www.brocku.ca/earthsciences/people/gfinn/optical/unindctx.htm>)
Frank: Waiting to crash...but uninstalling the java platform might have worked.....yes I get that
Frank: k Gemma
Doos: frank, with a refractometer you will be turning the stone to get the "maximal birefringence"
ClassyCarat: I'm not sure where to go from here... You all are pros already....
Doos: so it is wise to do that with visual optics aswell
Frank has left the room.
ClassyCarat: he's off!
Annie: that was well presented Classy, thank you so much
Doos: thanks classycarat, well done
Annie: all we need is to practice now
gemma: yes, even i was able to follow for the most part
ClassyCarat: I hope I didn't confuse to much
Annie: that was great
gemma: no, if we looked at the articles in the forum we had an idea of what you were talking about anyway
ClassyCarat: good
gemma: yes, you gave us practice ideas. very helpful.
ClassyCarat: it's not difficult...You just need a mental 'databank'
gemma: and the stone arrangement etc.
gemma: building that but going very slow lol
ClassyCarat: Actually..to further on that
Doos: yes the master set is a good idea
ClassyCarat: I keep a couple of sheets for my ref stones
ClassyCarat: one by biref and another by RI

ClassyCarat: depending on what I'm trying to focus on
gemma: ah, a data freak. after my own heart . . . can one ever know too much?
lol
ClassyCarat: the RI is much more difficult than biref
ClassyCarat: more 'subjective'
Doos: have you ever tried to get an optical character?
gemma: are we still taking about vis gem?
ClassyCarat: I dunno if that is possible
Annie: no way, that would be murder
gemma: i guess we are . . .
Annie: its easier to go by BR and RI
ClassyCarat: I will cogitate a bit...first instinct saz no
ClassyCarat: rem...this is not replace instruments but to verify and 'field'
checks
gemma: and to get "closer" to the spirit of the stone, i should think
ClassyCarat: that hessonite really fooled me using VG
ClassyCarat: my eye says DR...and I didn't get the usual 'clouds' that is common
with hess
Doos: ah, I have a nice fuzzy hessonite
ClassyCarat: they'rer REALLY distinctive
Doos: so the lack of it is not diagnostic
ClassyCarat: easy to tell from speartine
Annie: you would definitely have DR appearance
ClassyCarat: hessonite is usually very distinctive
Doos: too bad I can't just pop over to see it
gemma: the pictures of it i have seen always look spackled. is that normal?
gemma: like it is dusty inside.
ClassyCarat: this particular stone gave me a pretty good 1.765-1.724 on the
refractometer...go figure???
ClassyCarat: that's right, gemma
gemma: ty
Annie: hazy, dusty , Gemma
gemma: ergo the subsective . . . lol
Doos: I spoke someone who said he could see absorption bands in some stones
gemma: subjective . . .
gemma: what was he on
ClassyCarat: I dunno... I swear I have noticed a few myself
gemma: was that JB and his photographic eyes?
Frank entered the room.
Doos: if the spectrum is clear enough, why not
gemma: well, yes, i suppose it could happen with a very clean stone, right?
ClassyCarat: in the far angled light spots..as they 'smear'
Doos: no someone who was taught by hodgkinson .. said hodgkinson could see it as
well
ClassyCarat: that's an area that I want to explore sometime
Frank: typing seems to kill me...I'm quiet...send me a log Annie
ClassyCarat: I don't know why you shouldn't be able..
Doos: he runs a gem-a allied teaching center, so he wasn't bullshitting me
Annie: he demonstrated this type of observation when allan was here Doos
Doos: could you see it annie?
Annie: they way he set it all up for us
Annie: we were able to see the absorption spectras
Doos: ah great
Annie: and it was beautiful
gemma: excuse me, who is Hodgkinson? that is a name i don't recognize . . .

Annie: bye now to all , luv ya guys
gemma: bye annie
Frank: bye annie