

**Mini-Course on SL(2,R)
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes, very much so. I am just beginning my rep theory studies recently & after this seminar I feel prepared to start research from a SERIOUS perspective.
Definitely, it was worthwhile.

2. Was the mini-course what you expected? If not, what were your expectations?

Yes, I expected instructional lectures. Some lectures (2 or 3 out of the 30 lectures) felt like a lecture at a conference (ie. over most heads).

3. What did you hope to gain from the mini-course? Were you successful?

I hoped to gain a broad background in one small area of Rep Theory. Yes, I was successful.

4. Were the lectures too elementary, too advanced, or at about the right level?

At the right level overall. Some Miližić lectures moved at the very advanced level. P. Trapaz's lectures were always responsive to our level but at times he moved too fast (but still at the right level).

5. Were there too many, not enough, or about the right number of lectures?

Perfect number. There were 32 lectures overall. I guess technically 28 would have been more perfect since $1+2+4+7+14 = 28$.

10. For those of you visiting from other institutions, were the accommodations acceptable?

The dorms were so-so. A kitchen would have been nice as its expensive to eat out.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

Hmm... I cannot say cuz it was perfect for me.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes!! Definitely so.

13. Any additional comments?

I hope the videos of the lectures will be available online for our review.



**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes. It was great!

2. Was the mini-course what you expected? If not, what were your expectations?

Almost.

3. What did you hope to gain from the mini-course? Were you successful?

I can not say I was successful but I did my best to learn whatever I can learn.

4. Were the lectures too elementary, too advanced, or at about the right level?

In general lectures were ~~of~~ fine. Some of them were advanced.

5. Were there too many, not enough, or about the right number of lectures?

We had four lectures per day. I think this was too much. and I think three lectures per day is enough.

6. How valuable did you find the problem sessions?

I did not attend any problem sessions but
I formed a gp and we had problem
sessions it was good.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes.

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes. perfectly

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Definitely.

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

During the lectures, we had some notational confusion. I think it is better to use the same notation.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes. It is a great school.

13. Any additional comments?

I enjoyed attending this mini course if they have other mini-courses I will try to attend.

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes

2. Was the mini-course what you expected? If not, what were your expectations?

It was a little too high level.
It was difficult (almost impossible)
to learn what I did not already
know.

3. What did you hope to gain from the mini-course? Were you successful?

I was hoping to be eased into
 $SL(2, \mathbb{R})$.

4. Were the lectures too elementary, too advanced, or at about the right level?

Mostly, too advanced. Some
were the right level.

5. Were there too many, not enough, or about the right number of lectures?

about right.

6. How valuable did you find the problem sessions?

Not very

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes, although it would have been helpful to have a more comprehensive guide to local eating establishments.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

More printed handouts before the lectures. ~~§~~ Lists of rudimentary (as much as ~~is~~ that can be expected) ~~§~~ refer~~ences~~ences before the lectures would ^{have} also been helpful.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes.

13. Any additional comments?

Overall, I did get an idea about the subject in a very short time. This was very helpful. Instructors did very good job lecturing.

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

I think it was both worthwhile and enjoyable.

2. Was the mini-course what you expected? If not, what were your expectations?

It was a little more advanced than expected.

3. What did you hope to gain from the mini-course? Were you successful?

A better understanding of representation theory, in particular $SL(2, \mathbb{R})$. Partly successful.

4. Were the lectures too elementary, too advanced, or at about the right level?

From my point of view, some of them more advanced than I'd ^{have} like.

5. Were there too many, not enough, or about the right number of lectures?

The number of lectures was okay.

6. How valuable did you find the problem sessions?

I didn't attend any.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes, plenty of opportunities for social and mathematical interaction.

8. Were logistical arrangements and administrative issues handled satisfactorily?

One important issue. I have attended several conferences and minicourses and this is the first one that didn't provide any refreshments. That was the worst part of the minicourse!!

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

It was good.

10. For those of you visiting from other institutions, were the accommodations acceptable?

The rooms were good enough.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

Stick to the schedule and be consistent with the notation.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes, I would.

13. Any additional comments?

PLEASE, SERVE REFRESHMENTS (COFFEE, TEA, AND COOKIES ARE ENOUGH)!!!

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes, I enjoyed it a great deal and learned a lot.

2. Was the mini-course what you expected? If not, what were your expectations?

Overall it was what I expected. I was surprised at the amount of material from other areas that was involved (and that I didn't know).

3. What did you hope to gain from the mini-course? Were you successful?

I think I hoped to gain some perspective on more advanced rep. theory than I had studied so that I would be motivated to study more. In this sense, it was very successful.

4. Were the lectures too elementary, too advanced, or at about the right level?

I don't think the lectures would have been too advanced if I was a little more familiar w/ the prerequisite material.

5. Were there too many, not enough, or about the right number of lectures?

Also just right.

6. How valuable did you find the problem sessions?

?

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes.

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes.

10. For those of you visiting from other institutions, were the accommodations acceptable?

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

I think I personally would have enjoyed it more if I had been better prepared. Perhaps a more ^(detailed) comprehensive list of prerequisite readings would have helped a great deal.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Of course

13. Any additional comments?

Overall, very well done.

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?
I found the course very worthwhile and enjoyable. I feel like I understand many things I should know now that were difficult to study in isolation.

2. Was the mini-course what you expected? If not, what were your expectations?
It was what I expected. I've attended a similar one in a different field a few years ago.

3. What did you hope to gain from the mini-course? Were you successful?
I hope to gain some foothold into the realm of \mathbb{R} -groups world. I've been doing complex geometry, complex groups, alg's so far but would like to branch out. I think I've (you've) been fairly successful in this regard.

4. Were the lectures too elementary, too advanced, or at about the right level?
They were just right for me, but I am 4th year student.

5. Were there too many, not enough, or about the right number of lectures?
Just right, and thanks for Thursday off!

6. How valuable did you find the problem sessions?

well, these were somewhat non-existent. I hoped the lecturers would give us some concrete interesting questions to wrestle with, but they were busy answering billions of questions instead.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Plenty of time. We met most evenings and talked about the lectures.

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes, very seamless.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Library was closed way too much. Computer access was great, wireless internet was helpful.

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes, quite satisfactory.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

I would have liked to have some kind of (maybe optional) real problem sessions. I think these are valuable and motivating.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Definitely.

13. Any additional comments?

I know the organizers had their hands (very) full, but some kind of extra-curricular activities for the whole group would be nice if you do this again (for SL(3, \mathbb{R})).

Thanks very much!

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes

2. Was the mini-course what you expected? If not, what were your expectations?

Mostly. We covered a large amount of rep. theory. I would have liked an emphasis on techniques instead of results, but I don't think that could have been done.

3. What did you hope to gain from the mini-course? Were you successful?

Do math & meet people interested in rep. theory & qfms. I did both.

4. Were the lectures too elementary, too advanced, or at about the right level?

~~Some of the~~ lectures on the specifics of SL_2 were largely unnecessary, even for beginners.

~~But mostly the lectures were pretty good~~

5. Were there too many, not enough, or about the right number of lectures?

If we had lectures on Memorial Day (or if the minicourse actually was 2 weeks), there would probably have been enough.

Some of the initial lectures were wasted....

6. How valuable did you find the problem sessions?

The problem sessions varied in quality, depending on the level of understanding.

They are a necessary part, but their success depends on the students.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

(Group) projects! We like the math, let us do some of it...

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes

13. Any additional comments?

**Mini-Course on $SL_2(\mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes.

2. Was the mini-course what you expected? If not, what were your expectations?

It was above expectations. I hoped to get some good lectures, but the combination of good lectures, lecturers being available for questions and discussions in breaks, evenings and weekend, and a lot of people from different mathematical background to discuss lectures with was above all expectations.

3. What did you hope to gain from the mini-course? Were you successful?

Some knowledge about $SL_2(\mathbb{R})$ and some idea about things I don't yet understand, and information about what else should I attempt to learn before getting into repn theory seriously. I think I was successful there.

4. Were the lectures too elementary, too advanced, or at about the right level?

On average, about the right level. In the first week there were a couple too elementary ones, and the second week was a bit too advanced - but the average was all right.

5. Were there too many, not enough, or about the right number of lectures?

Right. I really appreciated time for discussions, and the fact we got the weekend and two afternoons off to go through the materials.

6. How valuable did you find the problem sessions?

VERY MUCH.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes, I think ~~to~~ ^{that} ~~learned~~ ~~to~~ as much as I ~~did~~ _{learned} in classes I learned in the afternoons discussing ~~to~~ lectures with other participants.

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes, nothing to complain about.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes, very much.

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

Choose a more liberal state?

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

I would.

13. Any additional comments?

The lecturers were excellent. And it would be great if all the filmed material and the written lectures were available online soon.

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

yes

2. Was the mini-course what you expected? If not, what were your expectations?

It is more difficult but more useful
than what I expected.

3. What did you hope to gain from the mini-course? Were you successful?

I hoped to know some knowledge about the Snowbird
Conference. Not quite successful due to the depth
of the materials.

4. Were the lectures too elementary, too advanced, or at about the right level?

A bit advanced.

5. Were there too many, not enough, or about the right number of lectures?

More lectures are better.

6. How valuable did you find the problem sessions?

I can get the answers of what I didn't understand.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes

8. Were logistical arrangements and administrative issues handled satisfactorily?

There is no shuttle to go to Math dept on Sat.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Everything is good.

10. For those of you visiting from other institutions, were the accommodations acceptable?

It is perfect

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

/

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Depends on the material of the course.

13. Any additional comments?

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**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

It was great!

2. Was the mini-course what you expected? If not, what were your expectations?

I came with few expectations.

3. What did you hope to gain from the mini-course? Were you successful?

I had hoped to obtain an overview of representation of real group, a sketch of the theory of \mathcal{O} -modules, and to meet other graduate students in representation theory. I was very successful in all respects.

4. Were the lectures too elementary, too advanced, or at about the right level?

Pretty much right on. At times they ~~were~~ ^{seemed} a bit too elementary and slow, but it allowed ~~for~~ time for digesting the more difficult material.

5. Were there too many, not enough, or about the right number of lectures?

I would have preferred that we met Thursday afternoon and ~~at the~~ maybe more over the weekend.

6. How valuable did you find the problem sessions?

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

YES.

8. Were logistical arrangements and administrative issues handled satisfactorily?

YES.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

YES.

10. For those of you visiting from other institutions, were the accommodations acceptable?

QUITE. It would have been nice to have access to a kitchen.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Certainly (well, of course, with condition that he/she were interested in the topic...!)

13. Any additional comments?

**Mini-Course on SL(2,R)
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

This minicourse was enjoyable. As far as worthwhile, for me, I was ^{somewhat} unprepared for this. I did realize how much I had to learn ^{in this subject}. I'm not saying that I learned nothing - I did ~~take~~ take a lot out of the material, but there ~~was~~ was a good bit that was incomprehensible to me.

2. Was the mini-course what you expected? If not, what were your expectations?

The course ~~was~~ went a little faster than I expected. Other than that, it was as expected.

3. What did you hope to gain from the mini-course? Were you successful?

4. Were the lectures too elementary, too advanced, or at about the right level?

Most of the lectures were too advanced for me.
~~I simply did no~~

5. Were there too many, not enough, or about the right number of lectures?

The # of lectures was good (about right)

6. How valuable did you find the problem sessions?

~~At the~~ The evening informal help sessions were more helpful to me than the real problem sessions.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes, although the schedule was constantly changing so it was difficult to prepare for lectures.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes, very acceptable

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

I feel as if we tried to cover too much material in not enough time. The entire mini-course had the feeling of being rushed.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes

13. Any additional comments?

One thing that was very confusing. All three lecturers had their own set of notation which made it very difficult to connect between different lecturers. I understand that people have difficulty giving up their notation, but I feel that the differing (sometimes overlapping notation (same symbols - different meaning)) made it very difficult for the students.

Mini-Course on SL(2,R)
Evaluation

1. Overall, did you find the mini-course worthwhile and enjoyable?

I don't have a good overall answer. Some parts were very worthwhile and others were not.

2. Was the mini-course what you expected? If not, what were your expectations?

I expected fewer people ~~and more~~ leading to more interaction, working on problems, ~~etc.~~ etc.

3. What did you hope to gain from the mini-course? Were you successful?

~~I am not sure~~ I was hoping to work more with other grad students, with guidance from professors. I could have made this happen but after 4 hrs. of math, I was drained + didn't want to really dig in deeper.

4. Were the lectures too elementary, too advanced, or at about the right level?

Most were too advanced. I think there was a problem with how this was advertised. A mini-course for beginning grad students should not include post-docs in the field. This led to faster lectures, questions that sped

5. Were there too many, not enough, or about the right number of lectures?

I think I would have preferred a couple lectures followed by much smaller sessions where people were grouped according to background. There were many lectures where I couldn't really follow anything.

things up rather than slowing them down, + a feeling ~~for me~~ of being incredibly dumb for me.

6. How valuable did you find the problem sessions?

The one evening session where Peter came & gave an overview of what had been done so far was excellent. More of these would have been great.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Fewer lectures & more built in math interaction time would have been very very good.

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes - very much so.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

I'm impressed with the department facilities.

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

I covered some of this already. But also, lectures would sometimes degenerate into a technical discussion between the professors & a student or two. This was very unhelpful & demoralizing.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

This depends a lot on the student's background, the topic, etc.

13. Any additional comments?

I haven't meant to seem so negative. I really do think I've learned quite a bit but I also know I could have learned so much more if things had been structured differently. I've appreciated the opportunity.

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

I did it find it enjoyable and worthwhile

2. Was the mini-course what you expected? If not, what were your expectations?

Usually I do not expect a lot of workshops but this was much better than expected

Because of interaction with people I think that I learned quite a lot although I was not able to understand many things because of insufficient background.

3. What did you hope to gain from the mini-course? Were you successful?

I learned more things about Lie groups and representation (not about the representation of $SL(2, \mathbb{R})$, these topics were too advanced for me)

4. Were the lectures too elementary, too advanced, or at about the right level?

The lectures were ~~a~~ a little advanced for me but I think that there was a lot of interaction in class and I think that they were very good for those who do representation theory.
(I do number theory)

5. Were there too many, not enough, or about the right number of lectures?

The number of lectures and program were ok

6. How valuable did you find the problem sessions?

I did not join them.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes there was, I met a lot of people and probably made some friends

We interacted to each other, organized common activities like studying, eating at restaurants, climbing the mountains

8. Were logistical arrangements and administrative issues handled satisfactorily?

I think that the smartest idea was to put people in dorms. ~~Hotels~~ Hotels are waste of money.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate? ~~No~~ Yes

They looked adequate (or more than adequate) to me we had computer access, free printing and the Math library within the Math building.

10. For those of you visiting from other institutions, were the accommodations acceptable? The accommodations were great

We lived in ^{the} dorms which are very good.

I do not see the point to waste money for hotels.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes I would, among those that I have attended the SL(2, R) was probably the best.

13. Any additional comments? It was a great experience for me.

I believe that the organizers should have announced more details about what the lectures would be about and ~~most important~~ should have said us what books to have read in advance in order to have the lectures more accessible to students. Actually they did but the literature that they provided was not sufficient for me.

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes, very worthwhile, and I enjoyed it so much that going back to my usual routine will be depressing.

2. Was the mini-course what you expected? If not, what were your expectations?

As a number theorist interested in representation theory of p -adic groups, I knew little about Lie groups and had few expectations before I came here. So the course certainly exceeded my expectations, and I feel that I learned a tremendous amount about a very difficult subject.

3. What did you hope to gain from the mini-course? Were you successful?

I mostly hoped to learn the basics of representation theory of real Lie groups, for some perspective on the p -adic case. I feel that I have learned more than just the basics.

4. Were the lectures too elementary, too advanced, or at about the right level?

On the whole, they were (surprisingly... amazingly even) just right. They were rarely too elementary, and only occasionally too advanced. (I expected more of the latter.)

5. Were there too many, not enough, or about the right number of lectures?

More would have been hard to handle, as we spent much time outside the lectures reviewing them and figuring out parts that we didn't understand. Fewer might have been okay, but might have left us too much idle time.

6. How valuable did you find the problem sessions?

The informal review sessions were extremely helpful for figuring out things that we didn't understand.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Absolutely, and this was important. The mathematical interaction with others provided some of the best learning experiences. The social interaction kept us sane, and forged friendships that may well last a lifetime, as we will likely see each other again in the mathematical community.

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

I can't think of much...

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Definitely

13. Any additional comments?

**Mini-Course on SL(2,R)
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?
Yes, I did. Especially, it was worthwhile for me to see other students working on rep. theory and to learn rep. theory in many aspects.

2. Was the mini-course what you expected? If not, what were your expectations?
No, I didn't. Actually, since I just started to study rep. theory, I didn't expect anything!

3. What did you hope to gain from the mini-course? Were you successful?
Just I hoped to get familiar with rep. theory more. So I felt successful.

4. Were the lectures too elementary, too advanced, or at about the right level?
Since I just started to study rep. theory, the lectures were advanced. But, I can review those material with my advisor, so I am glad to have this level lectures.

5. Were there too many, not enough, or about the right number of lectures?
To me, there were the right number of lectures.

6. How valuable did you find the problem sessions?

I needed to review by myself first because I didn't know many materials which are elementary stuff for other students, so I didn't join the problem sessions.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

yes! It was great time!

8. Were logistical arrangements and administrative issues handled satisfactorily?

yes! I didn't have any problems!

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

yes! In fact, I was surprised because I couldn't find many Windows PC, but I didn't have any problem in the condition. Moreover, I was very glad that I was able to use my own language in Mac!

10. For those of you visiting from other institutions, were the accommodations acceptable?

Since I used to live the much worse dorms, I didn't have any problems!

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

The answer of this question would be very difficult because there is a big difference among our background of reg. theory.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

yes, absolutely!

13. Any additional comments?

I had really nice time here. If I can join this kind of mini-lectures again, I strongly want to join again. Thank you very much for everything.

(By the way, it would be appreciated if the boardwork could be neater.)

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes. Unfortunately not related to my
dissertation topic.

2. Was the mini-course what you expected? If not, what were your expectations?

Expected lower level \rightarrow 1st year graduate.
Level was very high.

3. What did you hope to gain from the mini-course? Were you successful?

Hoped to learn more about Lie groups, representations,
applications to number theory. (& elliptic curves)
Applications: not successful. Maybe tomorrow (Friday).

4. Were the lectures too elementary, too advanced, or at about the right level?

Levels differed, depending on instructor.

5. Were there too many, not enough, or about the right number of lectures?

Right number.

6. How valuable did you find the problem sessions?

Would have been helpful.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes.

8. Were logistical arrangements and administrative issues handled satisfactorily?

Very.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes.

10. For those of you visiting from other institutions, were the accommodations acceptable?

Very much so.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

- Problem sessions.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes

13. Any additional comments?

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

more or less

2. Was the mini-course what you expected? If not, what were your expectations?

I expected the minicourse to cover more material in greater detail

3. What did you hope to gain from the mini-course? Were you successful?

a thorough knowledge of repues, theory of $SL(2, \mathbb{R})$.

I expected to learn more, especially the parts which are not readily available in the literature.

4. Were the lectures too elementary, too advanced, or at about the right level?

At First the lectures were too elementary, and then they turned into a general overview of interesting things, but they lacked details.

5. Were there too many, not enough, or about the right number of lectures?

the number of lectures was about right, I would loose interest if there were more lectures.

6. How valuable did you find the problem sessions?

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

8. Were logistical arrangements and administrative issues handled satisfactorily?

I had no problems with these.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

computer access was ok.

~~It was really inconvenient that the dorms did not have phones.~~

yes .

10. For those of you visiting from other institutions, were the accommodations acceptable?

It would have been nice to have a publically ~~publically~~ available kitchen.

It was really inconvenient that there were no phones in the dorms.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

Tea/coffee breaks ~~to~~ would have been nice.
Outings

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

certainly

13. Any additional comments?

Mini-Course on $SL(2, \mathbb{R})$
Evaluation

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes, it was an excellent course.

2. Was the mini-course what you expected? If not, what were your expectations?

It covered a little less ~~that~~ material than I had expected (based on the initial ~~plan~~ description & plan of the 1st week of lectures but was still very worthwhile.

3. What did you hope to gain from the mini-course? Were you successful?

I hoped to see full details of $SL(2, \mathbb{R})$ repr. Was largely successful. I lost my fear of some topics like n -homology & D -module which I was trying to ~~study~~ study earlier.

4. Were the lectures too elementary, too advanced, or at about the right level?

They were mostly at the right level; however I think there were some ~~superfluous~~ unnecessary lectures on finite groups, Fourier series & distributions — we were supposed to know that stuff.

5. Were there too many, not enough, or about the right number of lectures?

I was very disappointed when Monday was called off (due to Memorial Day). Some small things ~~led~~ led to ~~some~~ interesting lectures being cancelled — e.g. Milicic on Orbital Integrals, Auto. Forms (postponed), Osborne's Conjecture — — — .

6. How valuable did you find the problem sessions?

Didn't need to attend.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes.

8. Were logistical arrangements and administrative issues handled satisfactorily?

Our lodging was excellent! Just one issue, so it may be a cultural thing — what's with the ~~bad~~ bathroom doors without latches??! I thought only the decadent Europeans did that. In my place, a latch on your bathroom door is ~~no~~ more important than one on your front door.

Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes they were good. Food in Heritage Center was also good.

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes, they were great.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

Speed up courses! Since they will be online, we could come back and digest them more ~~so~~ carefully.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Very strongly. Utah has an amazing campus. If I'd known, I would have applied here for graduate school.

13. Any additional comments?

The 3 lecturers were amazing. Hard ~~to~~ to believe C & M are 60. Special thanks to Kathleen — she was super-helpful.

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes, I did, however some times it turned quite slow.

2. Was the mini-course what you expected? If not, what were your expectations?

It went very slow at the beginning, covering material that was suggested as reading list and background, so it only covers mostly what was schedule for 1st week.

3. What did you hope to gain from the mini-course? Were you successful?

I wanted to complement my background and try to see if there were some connections to Quantum Mechanics
look at different perspectives.
and weak solutions to semilinear equations

4. Were the lectures too elementary, too advanced, or at about the right level?

Kind of elementary the first week, and about right level the two last days.

5. Were there too many, not enough, or about the right number of lectures?

I think, they could schedule 5 lectures a days and probably cover more deep $GL(\mathbb{R})$.

6. How valuable did you find the problem sessions?

OK

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes,

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes they were

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Perfect

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

Probably having less time off. (Sat-Mon) off were kind of bad planning. Since many of us came from out state and wanted just ~~a~~ a complete immersion instead of having spacing time

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes, I would encourage them, but definitely before to contact the organizer to see if fit their expectatives.

13. Any additional comments?

None.

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes !!!

2. Was the mini-course what you expected? If not, what were your expectations?

3. What did you hope to gain from the mini-course? Were you successful?

I hoped to revise my knowledge about $SL(2, \mathbb{R})$.
Well, I'm leaving with twice as many questions
as I had when I arrived. But I guess, that's good...?

4. Were the lectures too elementary, too advanced, or at about the right level?

Right level during the first week
— a little bit too advanced toward the
end of the minicourse.

5. Were there too many, not enough, or about the right number of lectures?

Right # of lectures.
(the 2-days break in the middle
was very good !!!)

6. How valuable did you find the problem sessions?

The problem session on Saturday ← not valuable. 😞

(Individual) Discussions with professors
+ other students ← very valuable. 😊

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes!

(Again: the 2-day break helped!)

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes!

Great job!

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes!

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes!

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes!

13. Any additional comments?

Thank you for what you did!

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Very much so. The lectures and study time were both very productive. There was a good rapport among lecturers and students.

2. Was the mini-course what you expected? If not, what were your expectations?

I didn't have strong preconceived notions, but the structure fell within expectations.

3. What did you hope to gain from the mini-course? Were you successful?

I hoped to gain a stronger understanding of representations and this was certainly achieved.

4. Were the lectures too elementary, too advanced, or at about the right level?

Most lectures were at the right level. The last ones were somewhat beyond me.

5. Were there too many, not enough, or about the right number of lectures?

We started getting burned out at the end, but the number of lectures was about right.

6. How valuable did you find the problem sessions?

The problem sessions ~~are~~ were of varying value.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes. We were able to spend many hours discussing math. and being social.

8. Were logistical arrangements and administrative issues handled satisfactorily?

The arrangements were conscientiously and efficiently handled.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes.

10. For those of you visiting from other institutions, were the accommodations acceptable?

The accommodations were fine, and we appreciated having a common area to meet in and work in.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

Free coffee.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes.

13. Any additional comments?

I appreciate the hard work put in by the organizers.

**Mini-Course on SL(2,R)
Evaluation**

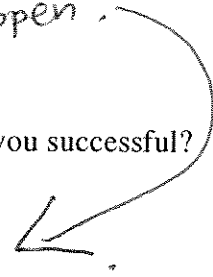
1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes.

2. Was the mini-course what you expected? If not, what were your expectations?

Yes. I have never been too motivated about repr theory before this and I hoped to find the right motivation here and that did happen.

3. What did you hope to gain from the mini-course? Were you successful?



4. Were the lectures too elementary, too advanced, or at about the right level?

About the right level for the amount of preparation that was required of us. However, see my answer to Ques 11.

5. Were there too many, not enough, or about the right number of lectures?

About the right number though it would have been nicer if we had not lost a day. (Mem. day)

6. How valuable did you find the problem sessions?

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes.

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

It would have been nicer if the Math library was open for some time in the evening,

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

~~It~~ If the pre-reading had been more extensive and if we had been told about it much more in advance, it might have helped speed things up. I feel I could have gotten more out of this if I had looked at something like Varadarajan's text on harmonic analysis earlier.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes.

13. Any additional comments?

**Mini-Course on SL(2,R)
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes, very. It would be much less worthwhile if there hadn't been such a wide spread of people with different knowledge on subject. Mixing advanced with beginners is priceless.

2. Was the mini-course what you expected? If not, what were your expectations?

It was more advanced than expected, but otherwise it was what I expected.

3. What did you hope to gain from the mini-course? Were you successful?

A solidifying of basic knowledge of Lie theory, & a overview, general feeling for advanced topics. It was successful.

4. Were the lectures too elementary, too advanced, or at about the right level?

They varied very widely, which I think is good. Some were too advanced, others at the right level, but it's good, so I have something to reach for.

5. Were there too many, not enough, or about the right number of lectures?

Right number - any more and I wouldn't have enough time to read/study on my own

6. How valuable did you find the problem sessions?

Not valuable, there were too large of groups,
~~and~~ uncomfortable asking basic ?'s
⇒ didn't interact as much w/ other students
I got much more out of reading on my own.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes,

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Lots of computers everywhere ⇒ nice.

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes, very comfortable.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

- Have small group problem sessions (~5 people)
- Spend the first few lectures doing very basic things like defining Lie algebra, Lie group basic props., Weyl group, -- etc. Then you don't have to repeat yourself so much.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Only if they were very self-motivated to study on their own.

13. Any additional comments?

ALWAYS WRITE DEFNS EXPLICITLY ON BOARD!
we can kind of puzzle thru things while you talk, but when we sit down to review, we want things in writing, especially the most basic things
I know a lot of people here who have no idea what a principal series, Casimir, twisted (fill-in-blank) Weyl gp, is because you never wrote defⁿs to look back on.

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes

2. Was the mini-course what you expected? If not, what were your expectations?

Yes

3. What did you hope to gain from the mini-course? Were you successful?

General knowledge. To see how functional analysis, Rep. theory, geometry and algebra combined in one topic. Yes it was successful.

4. Were the lectures too elementary, too advanced, or at about the right level?

at about the right.

2 of the classes were too advanced.

5. Were there too many, not enough, or about the right number of lectures?

about the right number

6. How valuable did you find the problem sessions?

It was really good.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes.

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes.

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

Ø

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Definitely.

13. Any additional comments?

Everything was very good. Thank you very much.

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes. All the lectures ~~are~~^{were} great.

2. Was the mini-course what you expected? If not, what were your expectations?

Yes

3. What did you hope to gain from the mini-course? Were you successful?

4. Were the lectures too elementary, too advanced, or at about the right level?

right level

5. Were there too many, not enough, or about the right number of lectures?

right number

6. How valuable did you find the problem sessions?

very valuable

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes.

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes, Excellent accommodation

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes

13. Any additional comments?

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes.

2. Was the mini-course what you expected? If not, what were your expectations?

Yes

3. What did you hope to gain from the mini-course? Were you successful?

An understanding of $SL_2(\mathbb{R})$, the mini course helped a lot.

4. Were the lectures too elementary, too advanced, or at about the right level?

A bit advanced, more preparative material could have been included
(i.e. more specifically)

5. Were there too many, not enough, or about the right number of lectures?

Right number -

6. How valuable did you find the problem sessions?

I found the casual talks and problem sessions valuable

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

yes (lunch, between lectures, etc)

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes -

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes.

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

Have the schedule/lectures posted ahead of time.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes.

13. Any additional comments?

Great lectures.

**Mini-Course on SL(2,R)
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

YES. Very enjoyable.

2. Was the mini-course what you expected? If not, what were your expectations?

Mostly what I expected. Could have been faster on basics and more thorough.

3. What did you hope to gain from the mini-course? Were you successful?

Patching up fragmented knowledge and learn some repn theory in details. I think I have been very successful.

4. Were the lectures too elementary, too advanced, or at about the right level?

At about the right level, though could be faster.

5. Were there too many, not enough, or about the right number of lectures?

Perfect number of lectures.

6. How valuable did you find the problem sessions?

Uncovered some small problems that I never thought about in detail.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Plenty of time.

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

It's a very nice building and very resourceful one, too.
Everything is adequate.

10. For those of you visiting from other institutions, were the accommodations acceptable?

Better than average. If local expenses could be covered, that would be even better.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

Make the course last longer (say a whole month).
Have vacant time frame officially designated for student seminars. Ask students to pick topics to be covered.

It's a great experience none the less.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Definitely yes.

13. Any additional comments?

Thank you for the hospitality.

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes

2. Was the mini-course what you expected? If not, what were your expectations?

I expected the course to be slightly more accessible to those with a background primarily in algebra. The analysis was a barrier to understanding, but that could have been avoided with better prep.

3. What did you hope to gain from the mini-course? Were you successful?

I hoped to gain more general knowledge of Lie groups, but this course was far more specialized, and felt as though it relied a bit too heavily on previous knowledge on Lie groups.

The lectures on \mathcal{D} -modules were fascinating, could have been slower.

4. Were the lectures too elementary, too advanced, or at about the right level?

Varied too wildly, though few were too elementary. Many talks were complete "WTF" moments.

5. Were there too many, not enough, or about the right number of lectures?

About the right, if run-overs could be controlled, so as not to rush other lectures.

6. How valuable did you find the problem sessions?

More early-evening discussions would be good. Sessions broke down after second week.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

A few more ^{Planned} ~~Planned~~ events would have been good, but we could have done this on our own.

Perhaps opportunities for colloquia would have been useful.

8. Were logistical arrangements and administrative issues handled satisfactorily?

Mostly...

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes!

10. For those of you visiting from other institutions, were the accommodations acceptable?

Accommodations were fine, although meals @ dining hall were prohibitively expensive.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

Better cooperation between lecturers on cohesion, pacing, and keeping w/in time.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes

13. Any additional comments?

No, aside from a quote from a fellow participant:

"Trapa's lectures are like 'The Muppet Show', with the two old men always making snide comments."

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes & yes

2. Was the mini-course what you expected? If not, what were your expectations?

Not quite. ~~too~~ I expected less knowledge to be assumed otherwise, as expected.

3. What did you hope to gain from the mini-course? Were you successful?

I gained some general ideas about a lot of things with very few details, which is what I expected.

4. Were the lectures too elementary, too advanced, or at about the right level?

See ~~the~~ Question 2.

5. Were there too many, not enough, or about the right number of lectures?

Right #.

6. How valuable did you find the problem sessions?

I went to three and found them very helpful.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes, the dorm accommodations were nice in that regard. ~~There were also some social activities.~~

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes.

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes. The mass transit was usually reliable and this added convenience. Laundry card was annoying.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

\$. A better understanding beforehand of what the professors would assume we were already familiar with.
@.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes.

13. Any additional comments?

Professors held good attitude towards participants.

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes.

2. Was the mini-course what you expected? If not, what were your expectations?

Well... Pretty much.

3. What did you hope to gain from the mini-course? Were you successful?

Umm... I gained a lot that's for sure
and in that sense I was successful.

4. Were the lectures too elementary, too advanced, or at about the right level?

They were at about the right level.
I wish they were more structured though.

5. Were there too many, not enough, or about the right number of lectures?

6. How valuable did you find the problem sessions?

They were OK.

Again they could be more structured and productive -

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

A little more coordination ^{among} ~~between~~ the three lecturers.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes

13. Any additional comments?

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes

2. Was the mini-course what you expected? If not, what were your expectations?

No, I expected it to be less advanced.

3. What did you hope to gain from the mini-course? Were you successful?

I expected to learn a moderate amount about representation theory, however the material was too advanced.

4. Were the lectures too elementary, too advanced, or at about the right level?

For me, they were too advanced.

5. Were there too many, not enough, or about the right number of lectures?

There were too many.

6. How valuable did you find the problem sessions?

I found the problem sessions to be worthwhile.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes.

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes.

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

I would have personally gained more if there was more time spent going over basic concepts that would appear later.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

I would encourage them to apply provided that they had experience in the topic that was going to be covered. ~~They would not~~ This minicourse was not helpful in introducing the general topics to an inexperienced audience.

13. Any additional comments?

Mini-Course on $SL(2, \mathbb{R})$ Evaluation

1. Overall, did you find the mini-course worthwhile and enjoyable?

Worthwhile
not enjoyable

2. Was the mini-course what you expected? If not, what were your expectations?

No
More on the harmonic analysis part,
need not go deeper, but more relaxed yet thorough.

3. What did you hope to gain from the mini-course? Were you successful?

Perspectives on unitary reps and harmonic analysis.
Quite successful

4. Were the lectures too elementary, too advanced, or at about the right level?

Later part too advanced.
First few lectures were about right.

5. Were there too many, not enough, or about the right number of lectures?

too many lectures

6. How valuable did you find the problem sessions?

very helpful

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

yes mathematically and otherwise

8. Were logistical arrangements and administrative issues handled satisfactorily?

yes.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

yes.

10. For those of you visiting from other institutions, were the accommodations acceptable?

No. The room was not cleaned for two weeks.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

- put the notes online a few weeks before the workshop
so we can peruse it

- separate mini. courses for beginners and for advanced students.

The mini-course was advertised as "for beginning graduate students". Those who are on the ~~as~~ more advanced level should have a separate workshop of their own. Some of the participants were not even working on representation theory.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes, with caution.

13. Any additional comments?

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

YES.

2. Was the mini-course what you expected? If not, what were your expectations?

I had never been to a summer school (mini-course) before, but I think it was a very good experience.

3. What did you hope to gain from the mini-course? Were you successful?

learning and meeting other people who work on the same field.

YES

4. Were the lectures too elementary, too advanced, or at about the right level?

I would say a mixture of all three.

5. Were there too many, not enough, or about the right number of lectures?

I think (considering this specific subject) a longer summer school (hence more lectures) could have been better.

6. How valuable did you find the problem sessions?

I think we did not have a problem session but there were study sessions ~~and~~ with lecturers that were really useful.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

YES.

8. Were logistical arrangements and administrative issues handled satisfactorily?

YES

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

YES, computer access and printing very really good.

10. For those of you visiting from other institutions, were the accommodations acceptable?

YES, but there were no hangers in the room for the cloth!

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

YES

13. Any additional comments?

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes, very much so.

2. Was the mini-course what you expected? If not, what were your expectations?

Mostly. I had hoped to see more about automorphic forms.

3. What did you hope to gain from the mini-course? Were you successful?

I hoped to gain a greater understanding of representation theory from a modern viewpoint. This course helped greatly with that.

4. Were the lectures too elementary, too advanced, or at about the right level?

The lectures varied between too elementary and just right. I would have liked to see more use of homology.

5. Were there too many, not enough, or about the right number of lectures?

There were a good number of lectures.

6. How valuable did you find the problem sessions?

I feel that problems given could have been more difficult.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes.

8. Were logistical arrangements and administrative issues handled satisfactorily?

Very much so.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Very much so. A lot of it is very nice.

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

I would have encouraged participants to save their questions until later.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes.

13. Any additional comments?

Thank-You. Overall, I had a great time and learned very much.

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes!

2. Was the mini-course what you expected? If not, what were your expectations?

hmm... I didn't have any
clear-cut expectation

3. What did you hope to gain from the mini-course? Were you successful?

Proct of subrep thm, little understanding of (g, k) -
modules and their relation
to 'actual' representations
understanding of Jacquet modules, ?
One view of
the theory
Successful? (Almost) YES! NO

4. Were the lectures too elementary, too advanced, or at about the right level?

first 1,5 weeks about right level
(last few days a bit too fast (often))

5. Were there too many, not enough, or about the right number of lectures?

about the right number
although a few more would' also
be ok

6. How valuable did you find the problem sessions?

Especially the 'unofficial' problem sessions
were extremely valuable

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes! This was what made this minicourse
into paradise for me: finally having
other people working on the same stuff
to talk to

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes

10. For those of you visiting from other institutions, were the accommodations acceptable?

yes

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

maybe some included food-arrangements

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

yes

13. Any additional comments?

I hope you can unravel my handwriting.

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes.

2. Was the mini-course what you expected? If not, what were your expectations?

No, I expected the mini-course to
be less intense.

3. What did you hope to gain from the mini-course? Were you successful?

An understanding of $SL(2, \mathbb{R})$.

I was not successful, however
I did learn a few important techniques
use in Representation theory.

4. Were the lectures too elementary, too advanced, or at about the right level?

Too advanced.

5. Were there too many, not enough, or about the right number of lectures?

Too many.

6. How valuable did you find the problem sessions?

Very valuable.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes.

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

I would have enjoyed the mini-course more if the pace was slower. Even if a smaller amount of material was covered.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yes.

13. Any additional comments?

**Mini-Course on SL(2,R)
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes I have learned a lot

2. Was the mini-course what you expected? If not, what were your expectations?

Yes, ~~too~~ for the most part
but thankfully a little slower than
expected.

3. What did you hope to gain from the mini-course? Were you successful?

To be able to make connections with non-archimedean
local fields. I think I will be able to transfer
some techniques. So yay.

4. Were the lectures too elementary, too advanced, or at about the right level?

no

↑

usually

the 2nd Wednesday
went too fast.

I did not know enough
alg. geom.

5. Were there too many, not enough, or about the right number of lectures?

Not enough. We needed 1-2 more weeks
to cover all the material. The professors
were too ambitious in planning this
but thankfully realized this.

6. How valuable did you find the problem sessions?

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes, deffinitely. Our self organized study sessions were great. Plus plenty of time to relax and see the area.

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Computer access was hard at times but after a week ~~I found~~ I was more accustomed to the system and it was fine

10. For those of you visiting from other institutions, were the accommodations acceptable?

Mostly. But no real kitchen so we could not make food. We had to eat out almost every night. (This is expensive!)

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

Extended it 1 or 2 weeks. Maybe first 2-3 days give background so then later lectures would not be slowed.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Yup!

13. Any additional comments?

Nope!

Mini-Course on SL(2,R) Evaluation

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes certainly. Learnt a lot of the materials and will prove useful in future I believe.
Also a good preparation for the Conference in Snowbird.

2. Was the mini-course what you expected? If not, what were your expectations?

The materials are not as scheduled. However, the courses are not as tight as expected.

3. What did you hope to gain from the mini-course? Were you successful?

The materials in second week are more advanced and fast pace, need to take time to digest.

4. Were the lectures too elementary, too advanced, or at about the right level?

First week is OK. second week is more advanced, and a lot of details are skipped, which is not too good for my understanding.

5. Were there too many, not enough, or about the right number of lectures?

Just right.

6. How valuable did you find the problem sessions?

Certainly useful. Clear up a lot of confusions. It is more effective to ask in small groups than in a whole class, there can be more interactions and immediate feedback.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

There are plenty of free time to discuss with each other, either at break, lunch or at dinner.

8. Were logistical arrangements and administrative issues handled satisfactorily?

Good.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

I love free printings!!

10. For those of you visiting from other institutions, were the accommodations acceptable?

Excellent, despite of the tuning of the heater.

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

More detail notes, and reference booklist.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Sure.

13. Any additional comments?

I think the 3 instructors should discuss before hand to FIX ALL NOTATIONS USED!

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Extremely enjoyable and worthwhile.
Thanks for putting so much effort in organizing it
and for trying to make things understandable...

2. Was the mini-course what you expected? If not, what were your expectations?

It was better than what I expected!

3. What did you hope to gain from the mini-course? Were you successful?

Learn more about $SL(2, \mathbb{R})$ and get some
insight for generalization to other groups.
Successful!

4. Were the lectures too elementary, too advanced, or at about the right level?

I think they were ok.
My background in algebraic geometry is not too strong,
so I found the D-modules part hard...

5. Were there too many, not enough, or about the right number of lectures?

I enjoyed the mini-course a lot. I would have
stayed for more lectures...

6. How valuable did you find the problem sessions?

The review sessions at night were quite helpful.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

Yes!

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes, Thanks.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Very adequate.

10. For those of you visiting from other institutions, were the accommodations acceptable?

Sure!

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

Suggest people to study sheaves before coming...
and maybe having more notes available (notes were very helpful).

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

Certainly!

13. Any additional comments?

Thank you!

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes →

2. Was the mini-course what you expected? If not, what were your expectations?

Yes

3. What did you hope to gain from the mini-course? Were you successful?

Better understanding of general representation theory techniques,
I did in fact gain a better understanding.

4. Were the lectures too elementary, too advanced, or at about the right level?

Lectures were at the right level, I didn't care for the long
weekend or Thursday's break.

5. Were there too many, not enough, or about the right number of lectures?

not enough.

6. How valuable did you find the problem sessions?

Very valuable

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

More than enough

8. Were logistical arrangements and administrative issues handled satisfactorily?

Yes, superbly.

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

Yes, all were excellent.

10. For those of you visiting from other institutions, were the accommodations acceptable?

Yes, the dorms were nice

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

Only complaint is not enough lectures.

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

absolutely.

13. Any additional comments?

Dr. Prilicic, Dr. Casselman, & Dr. Trapa were all nice & approachable w/ all questions (ranging from dumb to well thought out).

**Mini-Course on $SL(2, \mathbb{R})$
Evaluation**

1. Overall, did you find the mini-course worthwhile and enjoyable?

Yes

2. Was the mini-course what you expected? If not, what were your expectations?

I had no idea what I was in for.
I had no expectations.
I was pleasantly surprised by the depth of the topics we covered. ~~It~~ It has definitely motivated me to learn more on the subject.

3. What did you hope to gain from the mini-course? Were you successful?

4. Were the lectures too elementary, too advanced, or at about the right level?

I could follow pretty well the first week.
Most of the D-module stuff was over my head.
Trapa wrapped things up pretty nicely at the end though.

5. Were there too many, not enough, or about the right number of lectures?

I would have preferred two lectures a day and more time to digest them but all in all the marathon approach didn't turn out all that bad.

6. How valuable did you find the problem sessions?

I didn't attend most of them.

7. Was there enough time and opportunity to interact mathematically and socially with the other participants?

It would have been nice if someone would have organized a hike on memorial day.

8. Were logistical arrangements and administrative issues handled satisfactorily?

9. Were the department facilities (library, computer access, study areas, classroom, etc.) adequate?

10. For those of you visiting from other institutions, were the accommodations acceptable?

11. What could have been done differently to make the mini-course more valuable and/or enjoyable?

12. If you knew a student who was interested in a future mini-course at the University of Utah, would you encourage them to apply?

13. Any additional comments?

Cosselman - Your handwritten writing is fine
~~and~~ your lectures up at the board were
much more comprehensible to me than
the slides.

Milicic - ~~I~~ I think I like integrals
better now that you talked about
D-mod.

Tim - You were great Don't get intimidated =

by lack of time: slower is better !!!

~~But~~ I ~~have~~ learned a lot. Thanks.