



Thomas Forth <thomas.forth@gmail.com>

Black Body Radiation Workshop 1

2 messages

Thomas Forth <pytf@leeds.ac.uk>

15 October 2008 00:51

To: js08lrw@leeds.ac.uk, hs08p2a@leeds.ac.uk, hs08dlg@leeds.ac.uk, js08sq@leeds.ac.uk, js08hp@leeds.ac.uk, js08gf@leeds.ac.uk, js08nb@leeds.ac.uk

Hello All,

First of all can I say, if you're not expecting this email or you don't go to Vlatko Vedral's Lectures please ignore this email.

As promised, these are complete worked answers to the workshop today. I'd really appreciate it if you kept them to yourselves, this isn't work that I'm supposed to do and I'm not sure that a lecturer would appreciate a postgrad giving out their own answers to a problem sheet. So please, keep it discrete.

You really won't learn anything by just reading what I've done, or even copying it down. It really is a case of you needing to force yourselves to work through these problems on your own and only referring to the model answers if/when you get stuck. You all seemed to have a really good go today and got most of what is a really tough workshop done. I think you're probably ready to have a look at the answers and the way they were written up on the board after today was perhaps not the easiest to follow.

Finally, I'd be interested to hear any feedback on this sheet, I'm on holiday next week but you've got my email address. Did you find it useful, easy to follow, too complicated, terrible? Any feedback would be great. If you think it's a good thing I'll maybe have a chat with Vlatko regarding your tutorial situation and see what we can do. He deservedly has an international reputation as a great scientist and a great lecturer so I'm confident that you'll all be okay in his courses,

Good luck,

Tom

 **Black Body Radiation Workshop 1 Solutions.pdf**
79K

Debbie Grimmond <hs08dlg@leeds.ac.uk>

15 October 2008 11:50

To: Thomas Forth <pytf@leeds.ac.uk>

Tom,

Thank you very much for making this sheet for us. It was very clear and comprehensive, with all the maths calculated in a suitable number of steps to make it easy to follow. It was good how you explained the aim of each step before you carried out the calculation (making more sense than most maths books I try and read!).

It was also a good idea to mention where to find additional information. Overall, the sheet was very useful.

Thanks once again for your help,

Debbie

P.S. I think there may be two small typing errors in the section where you apply the chain rule on the first page. One where you differentiate y ($dy/dv??$) and the other where the chain rule is defined ($dg/dy??$). However as the calculations were correct it was still easy to follow.

[Quoted text hidden]

No virus found in this incoming message.

Checked by AVG - <http://www.avg.com> Version: 8.0.173 / Virus Database: 270.8.0/1724 - Release Date: 14/10/2008 02:02