

**Name**

<b>Section</b>	<b>Points</b>	<b>If you</b>
<b>Abstract</b>	2	Describe: central steps or features of calculation; main result.
	1	Have significant gaps in description of calculation or conceptual errors.
	0	No abstract.
<b>Introduction</b>	4	Motivate QFT. Include all steps from free theory to observables, with motivation.
	3	Include most steps, but lacks some important details. Or include all steps but fail to motivate appropriately.
	2	Include some steps, with little to no motivation. Or have conceptual errors.
	1	Have significant conceptual errors. List just one or two steps with no motivation.
<b>Conclusion</b>	4	Briefly describe calculation. Highlight central result or key features. Incorporate outlook..
	3	Include description and some outlook, but inadequate summary or motivation for future work. May have minor conceptual errors regarding future work.
	2	Fail to summarise calculation or give outlook. Or have conceptual errors.
	1	Fail to summarise calculation. Numerous significant conceptual errors.
<b>Presentation</b>	10	Clearly and succinctly present your work. Logically order topics. Punctuate and format equations appropriately. Have only a few minor typographical or grammatical errors that do not indicate conceptual misunderstanding. Correctly gauge the level at which the material should be presented. Provide an appropriate level of detail throughout. Define all symbols. Use appropriate, informative titles and headings. Informatively caption all figures.
	8	Generally present your work clearly and structure most topics logically. Have some formatting issues or a number of typographical and grammatical errors. Sometimes include too little or too much detail.
	6	Structure your work reasonably, but have significant issues with presentation of equations or with typographical and grammatical errors. Your work is understandable, but not necessarily clear, and may not be presented at an appropriate level for the intended audience. Regularly include too little or too much detail. Perhaps define about half of your symbols.
	4	Have a reasonable grasp of the appropriate structure for your work, but fail to present the material at an appropriate level. Have significant presentation issues throughout. Rarely give the appropriate amount of detail.
	2	Have presentation problems that make your project hard for a reader to follow, with illogical ordering, poor formatting throughout, and very significant typographical or grammatical errors. Practically never give the appropriate level of detail. Define very few of your symbols.
<b>Mathematics</b>		Maximum score: 20. Minus one point for each error, as usual.
<b>Late penalty</b>		2 points per 24 hours after 5 pm on Wednesday October 7, pro rated.
<b>Total</b>		Maximum score: 40.

## Comments