

Forum:Seminar papers/Biophysics/2. LF/2013-2014/Group 4

20131212084457Group 4:

Electron microscopy

Subquestions

- Electron microscopy – introduction
- Electron microscopy/resolution of electron microscope compared with the resolution of human eye and optical microscopy
- Electron microscopy/principle of electron microscopy
- Electron microscopy/construction
- Electron microscopy/function
- Imaging systems in electron microscopy, principle differences between:
 - SEM
 - and TEM

Thermodynamic system

Subquestions

- Thermodynamic system – introduction
- Thermodynamic system/description
- Thermodynamic system/classification
- 1st law of thermodynamics
- 2nd law of thermodynamics
- Entropy
- Thermodynamic equilibrium

Responsibility for the page content

Subquestion (Link to the subquestion)	Prepared by username (Surname, First name)	Team	Started	To be checked	Checked	Evaluation Notice
SEM	Alsaud (Alsaud, Hussain)	4F				***
Thermodynamic system/description	InesC (Carvalho, Ines Azevedo)	4H				****
Electron microscopy/principle	MartaMarques (Da Encarnacao Pereira Cesário Marques, Sofia)	4H				**
TEM	Jd (Dickerson, Johana)	4E				***
Entropy	User:tkguven: (Guven, Tolga Kamil)	4F				***
Thermodynamic equilibrium	Rhasani (Hasani, Redina)	4E				***
1st law of thermodynamics	juniorui (Junior, Rui Babtista Furtado)	4G				****
Thermodynamic system	User:CeliaKalthof (Kalthof Puertas, Celia)	4E				***
Thermodynamic system/classification	User:Gianna (Kwak, Lynn)	4H				***
Electron microscopy/function	marinefl (Lopes, Marine Ferreira)	4G				****
Electron microscopy	Zeem (Mahmood, Zaeem)	4F				****
Electron microscopy/resolution	JoseNogueira (Nogueira, José Miguel)	4F				***
Electron microscopy/construction	catarinat (Rodrigues, Catarina Tavora Miranda)	4G				***
2nd law of thermodynamics	Elena (Storaci, Elena)	4E				**

Evaluation of the article:

- * – this article is not good
- ** – this article could be worse
- *** – this article is good
- **** – this article is very good
- ***** – this article is excellent

Preparing subquestions

Click on your red coloured subquestion on the table above. The appropriate edit window will be opened and you will start creating the content.

Instructions

- Every **subquestion** should be prepared by **one student**.
- Every student has to ask his/her own Wikilectures Administrator for his/her **own account** (login).
- Immediately after getting your own account from the Wikilectures administrator (but at least on **Wednesday, December 4th**) every student **has to choose one topic** (i.e. subquestion) and write down the topic into the 1-st column (before his/her name) of the following table.
- Then she/he has to start writing the chosen topic on the **appropriate Wikilecture page**; the **deadline for this seminar work is on Sunday, December 8th**.
- After the Wikipage is written, every student has to ask the lecturer (Carmel J Caruana) for its checking by the inserting of the template Check on the beginning of the page:

{{Check|Carmeljcaruana}}