

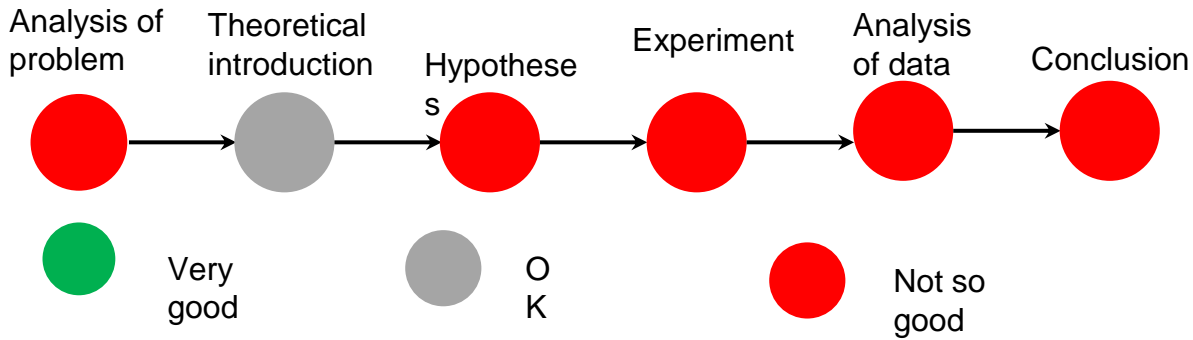
10. VARIABLE STARS

Team Croatia
Reviewer: Đurđica Kovačić



REPORTER

- explained **intristic and extrinsic stars BUT**
 - didn't explain **brightness, magnitude, light curve...**
 - main changing characteristics in variable stars!**
- **didn't** directly **look at stars** - light bulb
- **not changing** diameter, temperature, etc. - variable star??
- **no quantative modules or hypotheses!**
 - **could have compared with existing online data base results**
- bulbs don't present variable stars at the last graph - no applicable conclusions
- saw errors in the research - but missed large ones
- stated that light curve does not depend on magnitude but on luminosity **-incorrect!**



OPPONENT

- Asked good questions: how is the experimental setup (light bulb) applicable to variable stars - in my opinion it is not applicable
- missed some important errors - repetitions, no changing of parameters - diameter of the light bulb, brightness, temperature (characteristics of variable star) etc.
- said that the reporter has a perfect model which is not true
- corrected the theory (light curve): didn't explain why and how
- said that reported had clear hypotheses - reporter **did not have hypotheses**
- noticed that the model is not applicable
- Commented on the neat and beauty of slides- not related to the research
- Noticed the lack of quantitative results

DISCUSSION

- Does the report connect to the problem statement:
 - agree with the opponent that it is not related since the experimental setup is false

Reported said that light bulbs, and therefore the problem, does not depend on the magnitude of the light bulb/star - not true since from magnitude we can calculate brightness of the star

Asked about parameters in real life:

- reporter said that she does not need to change parameter - agree with the opponent that the reporter missed the problem and did not apply it to real life and stars

conclusion -> the reporter missed the point of the problem

THANK YOU!

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