



Thermography

Operation and Maintenance Engineering

Instructions

1. Start the raspberry pi with the Lepton FLIR dev kit



2. Open the python script lab_lepton.py and use it as a template for extracting the thermal image
3. Study and explain the differences in temperature

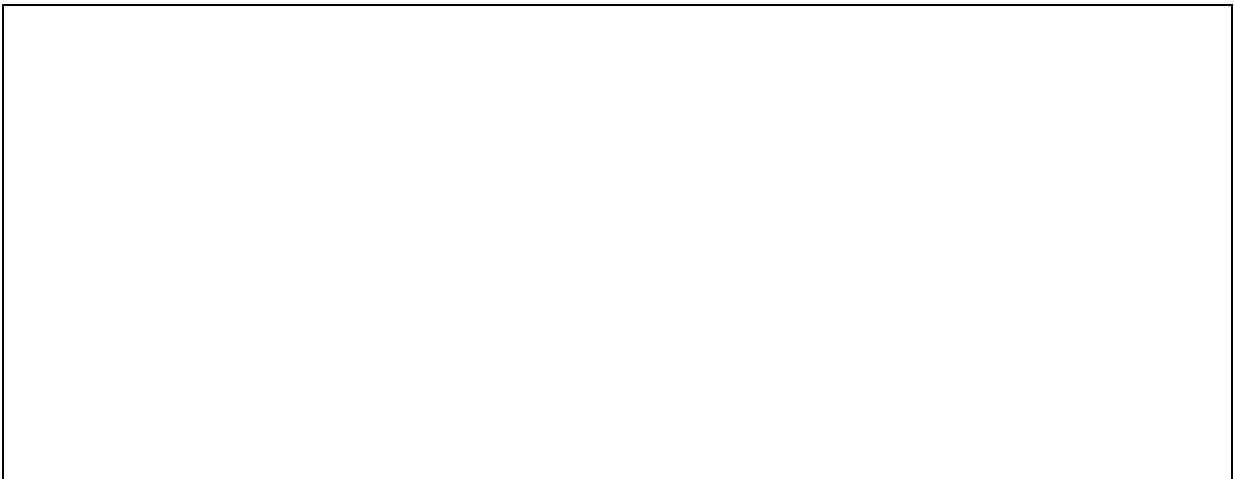
Heat transfer between hand and table



Heat transfer between shoe and floor (stamp your foot on the floor)



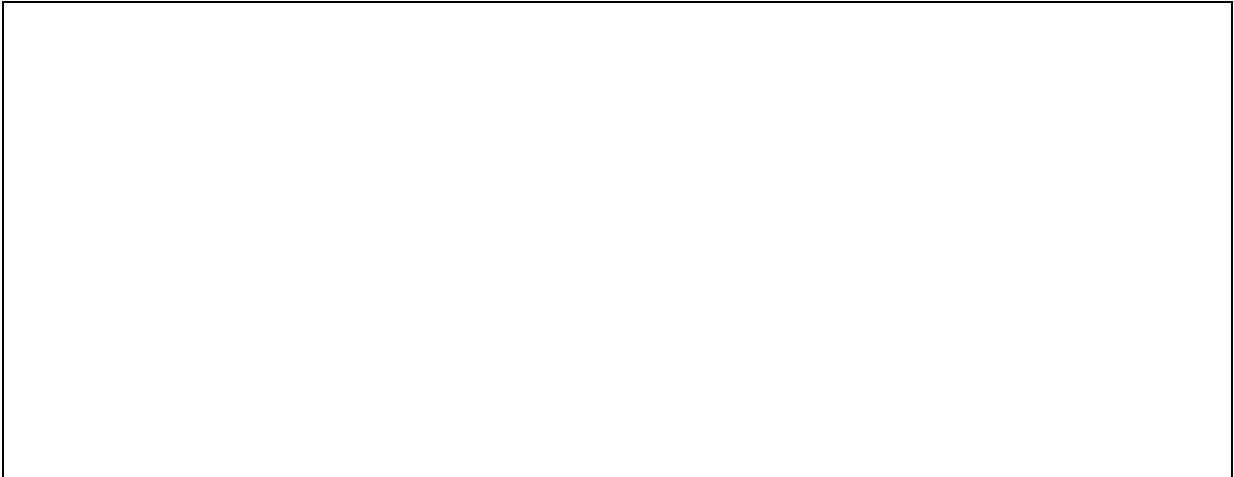
Heat transfer around window



Heat transfer through glass, e.g. window



Heat transfer from specular reflection



Study heat transfer from paper wet with finger

