



BLACK BOX

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Assignment: *From Devices to systems: sensors and sensitivity training. You will open the 'black box' of a technical device in an anatomical machine learning lesson, and you will also dissect and analyse a concrete instance of a complex system at work. How do devices and networked systems interact? Document and research all of the parts, how they work, where they come from. Redesign and add new circuits. Put it back together with a new function and added sensor feedback loops. The basic electronics should be fully functional.*

For our blackbox assignment we chose to take an analogue camera apart. We use these on a regular basis, we were curious how it actually works, and if we could figure that out by taking it apart. Or if we could change the function of the object.

When taking it apart we were intrigued by every single part and maybe a little too enthusiastic since we couldn't figure out how to put it together again, not even with the use of our beloved youtube. In the end we came up with the idea to use the camera as a pinhole camera. Because of all the parts that were missing. The automatism of the camera was gone. So we had to close the shutter by hand and decide ourselves how long it would be open. We also turned the film ourselves in the darkroom, so it all became one big experiment. The outcome was surprising. Instead of seeing actual people or things on the photograph there were all kinds of shapes, movements and shadows happening on the picture. The film itself was almost a dance of some sorts. That's what inspired Fanny and Floor to capture the movement in a different way.



