

Solve parking lot occupation using LBP (3p):

- Continue with the template from Exercise 4
- Experiment with at least 3 LBP configurations
- For each configuration, calculate accuracy and processing time
- You can try to create the combination of the previous detectors + LBP

Training data:

https://mrl.cs.vsb.cz/data/vyuka/zao/parking/free_full.zip

Solve open/close eye recognition using LBP (3p):

- Continue with the template from Exercise 5
- Experiment with at least 3 LBP configurations
- For each configuration, calculate accuracy and processing time
- You can try to create the combination of previous detectors + LBP

Training data: https://mrl.cs.vsb.cz/data/eyedataset/mrlEyes_2018_01.zip

Use the following video: https://mrl.cs.vsb.cz/data/vyuka/zao/fusek_face_car_01.zip

Real (ground truth) data: <https://mrl.cs.vsb.cz/data/vyuka/zao/2025/eye-state.txt>

Eye detector: https://mrl.cs.vsb.cz/data/vyuka/zao/eye_cascade_fusek.zip