HOMEWORK

- **Exercise1**:
- For each image create luminance variation and negative

- **Exercise 2:**
- combine with a dissolve operators two shots with 4 frames of dissolvence (α =0,2 0,4 0,6 0,8)

- **Excercise 3:** $$g(\boldsymbol{x}) = h\big(B(\boldsymbol{x}), F(\boldsymbol{x})\big) = (1 - \alpha(\boldsymbol{x}))B(\boldsymbol{x}) + \alpha(\boldsymbol{x})F(\boldsymbol{x})$$
- Exercise Compositing and matting
- 1)Take a picture of your hand with a plain color background
- 2) Use histogram to do matting of the hand only (manual bakground segmentation)
- 3) Make a composition of your hand and another image.

- **Exercise 4:**
- Take a vide with a very colored object moving (e.g. a yellow tennis ball moving in a non-yellow floor)
- Try to visualize the 3D video volume
- Try to track in the video the ball movement

- (With or without using openCv specific functions)