

IMIP SS2018 Exam Questions

- 1-- Cascade Gaus filter question: 2 Filters has same deviation value($\sqrt{\pi} \cdot \sigma$). Show that convolution result filter has $\sqrt{2 \cdot \pi} \cdot \sigma$. --- 14 points
- 2-- 2D Vesselness general information, probability, and maximum over probability. --14 points
- 3-- Guided Filter, cost function, a_x and b_x values, different cases, flat and other one. --14 points
- 4-- Variational calculus. Typical $f_0(x)$ Question. --12 points
- 5-- Camera calibration, extrinsic intrinsic parameters -- 6 points