

Other CV notions.

④ Seam Carving.

- Calculate energy ^{fun.} of an image. (gradient/edge detection)
- make a list of seams ranked by energy with low being least important
- when squeeze remove low
- when enlarging adding low.

④ Object Removal.

- mask the part then seam carving.
- for image resize, the same.

④ Optimal Seam Removal.

- by dynamic programming, ~~error~~
- remove the min every single time.
energy seam.

动态规划 → 保持最优解.

④ Poisson Blend.

- mask the added image
- change each color ~~change~~ channel.

④ NPR Effects. (Non-photorealistic rendering)

- edge 边缘 + 颜色块.

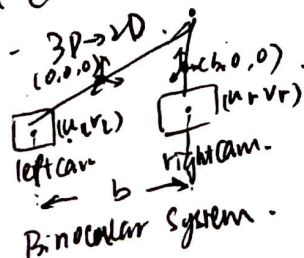
④ Face morphing

- 由 2 个 (4×3) 点.
- Calculate Delannoy triangulation shape.
- (In case by warping, you can also add the corners of the image)
- an affine transformation (a geometric transformation that preserve lines and parallelism 保持线条与角度) can be found based on the 2 images.

~~④ Feature Extraction~~


④ Image Rectification.

④ Camera Calibration / Image Rectification.



④ - 2D → 3D.

Panorama Recognition.

- γ -view ~~for~~
- find focus point & perspective 
- new "rotation" on proj data.
- distort the image