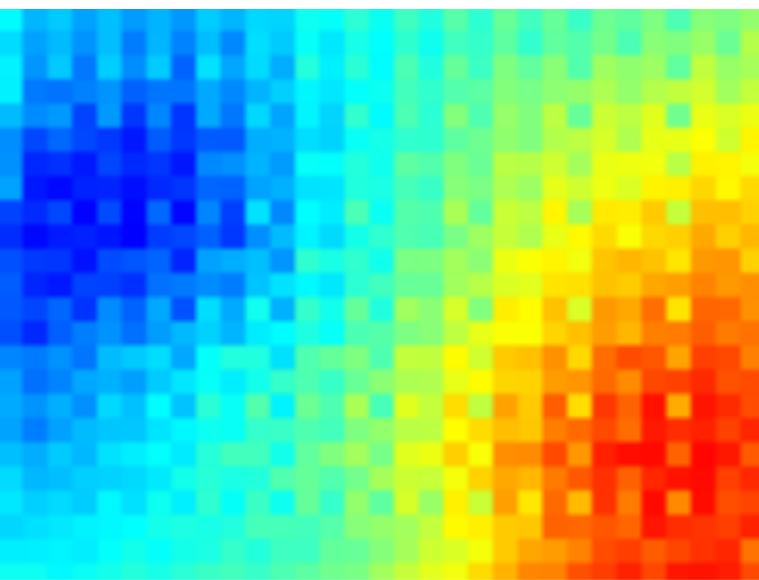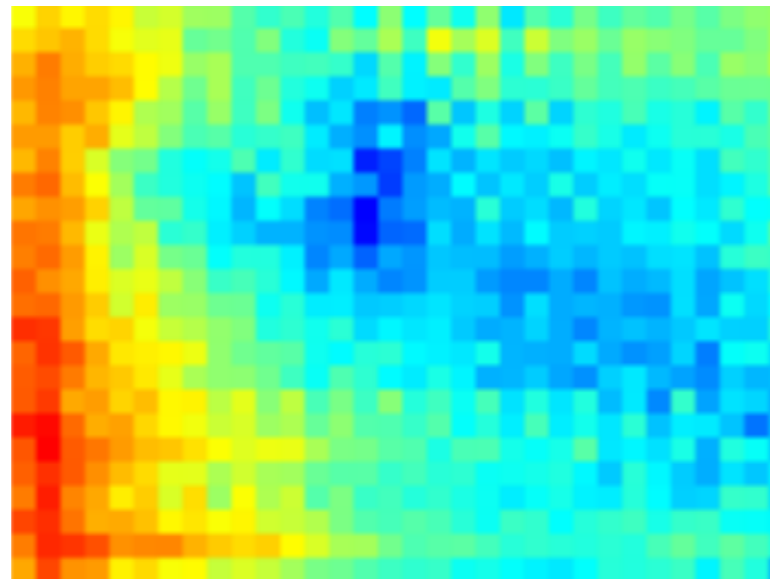**deconv branch**
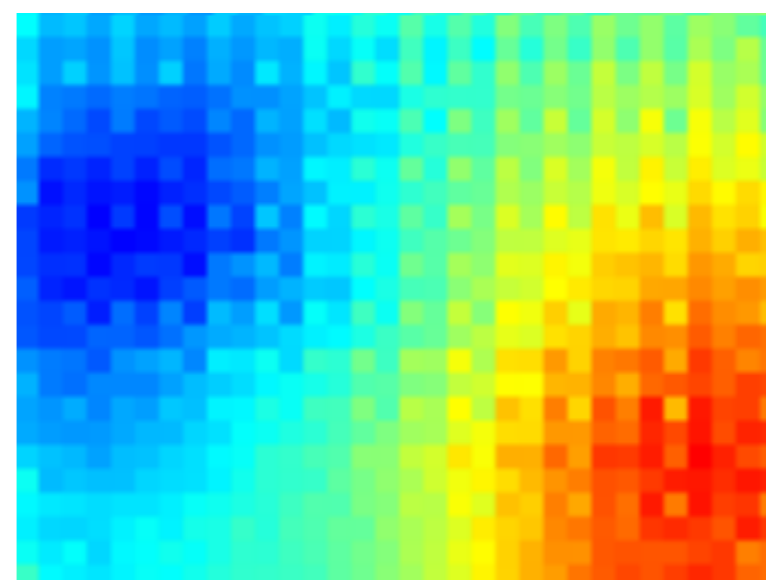
x-channel   y-channel   z-channel

input image

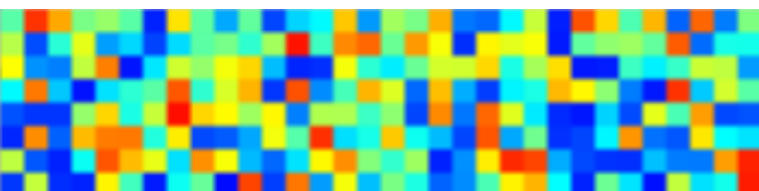**fully connected branch**

x-channel   y-channel   z-channel