pyfusion Documentation

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pyfusion.**Brovery**(*src*, *pan*)

> Using Brovery method to fusion image
>
> The source image should not be upsampled
>
> > **参数**
> >
> > - **src** -- *source* image, the image should be BGR color space
> > - **pan** -- Panchromatic image, the image should be grayscale
> >
> > **返回** fusion image
> >
> > **返回类型** *numpy.ndarray*

pyfusion.**HIS**(*src*, *pan*)

> Using HIS method to fusion the image
>
> The *source* image should not be upsampled
>
> > **参数**
> >
> > - **src** -- *source* image, the image should be BGR color space
> > - **pan** -- Panchromatic image, the image should be grayscale
> >
> > **返回** fusion image
> >
> > **返回类型** *numpy.ndarray*

pyfusion.**PCA**(*src*, *pan*)

> Using PCA method to fusion the image
>
> The PCA function is fusion the *src* with *pan* based on PCA
>
> > **参数**
> >
> > - **src** -- The source image, it should be multi-band the image read by *cv2.imread* will be the best practice
> > - **pan** -- The Pan image, it should be single band the image read by *cv2.imread* with *flag* set to *cv2.IMREAD_GRAYSCALE* will be the best practice
> >
> > **返回** The result image
> >
> > **返回类型** numpy.ndarray

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