

IMAGE ADDITION

Image addition consists of adding image intensity values pixel by pixel. Two types of image addition are possible:

- Image addition on one set of images
- Image addition between two sets of images

Image addition on one set alone

To perform this operation, proceed as follows:

Insure that both [Select Set] buttons are cleared.

1. Highlight all the images you would like added together, and click on the left [Select Set].
2. Left click on the [+] button to select the image addition mode,
3. Click New Save Series if you wish to start a new series for these images.
4. Left on the [=] button to perform the operation and generate the new image.

The new image is available shortly in the Browser for use by viewing applications.

Image addition between two sets

To perform this operation, proceed as follows:

Insure that both [Select Set] buttons are cleared.

1. Select the first set of images and click on the left [Select Set]
2. Left click on the [+] button
3. Select the second set of images and click on the right [Select Set]
4. Click New Save Series if you wish to start a new series for these images.
5. Left click on the [=] button

If you wish the weighing factor in this addition to be other than 50/50, use the Ratio slide bar.

IMAGE SUBTRACTION

Image subtraction consists of subtracting image intensity values pixel by pixel. Two types of image subtraction are possible:

- Image subtraction between two images in one set
- Image subtraction between two sets of images

Image subtraction between two images in one set alone

To perform this operation, proceed as follows:

Insure that both [Select Set] buttons are cleared.

1. Select the two images you would like to subtract from each other
2. Left click on the [-] button to select the image subtraction mode
3. Left click on the [Accept Negative Pixels] button] if you want the resulting image to contain negative values
4. Click New Save Series if you wish to start a new series for these images.
5. Left click on the [=] button to perform the operation and generate the new image

The new image is available shortly in the Browser for use by viewing applications.

Image subtraction between two sets

To perform this operation, proceed as follows:

Insure that both [Select Set] buttons are cleared.

1. Select the first set of images and click on the left [Select Set]
2. Left click on the [-] button
3. Select the second set of images and click on the right [Select Set]
4. Click New Save Series if you wish to start a new series for these images.
5. Left click on the [=] button

If you wish the weighing factor in this subtraction to be other than 50/50, use the Ratio slide bar

The new images are available shortly in the Browser for use by viewing applications.

