

## Semper 6 Command Reference

### fullplane

keys:	[from]	<number>	source picture
	[to]	<number>	output picture

Use **fullplane** to convert a half-plane *Fourier* or *Spectrum* picture into its full-plane equivalent.

#### Examples

```
fullplane 2 to 3
```

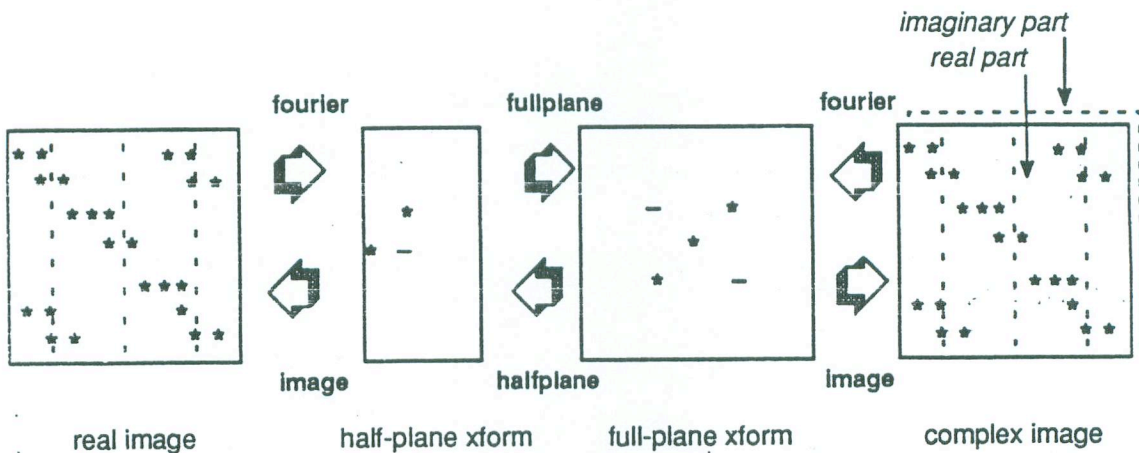
This command places the full-plane equivalent of a half-plane transform 2 in 3.

```
ps; fullplane; display
```

This command displays the power spectrum of the current picture in full-plane form.

#### Description

**fullplane** converts a half-plane picture using the (conjugate) symmetry of the pixels. Use the **halfplane** command to reverse this process. The following diagram illustrates the **fullplane** command.



#### Notes

multi-layer pictures:	faulted
forms used internally:	fp, complex
see also:	<b>fourier, halfplane, ps</b>

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#### Defaults and Ranges

keys/options	defaults	range
[from]	current picture, held in the variable <i>select</i>	valid picture number
[to]	source picture	valid picture number