

FtXD ANALYSIS

for Photoshop by RONC©2018  
Version 1 24Jun2018 (E-MAIL)

PHOTOSHOP SCRIPTS by RONC

FtXD ANALYSIS - A quick way to view a Spatial frequency spectrum where the analysis is combined with the original input. Very useful to document RAW files as well as final results.

INPUT IMAGE

Input must be an RGB file with 8, 16, or 32 bits per color channel. The output will be the same.

USAGE PARAMETERS

ITEM		FUNCTION	User INPUT	INPUT Size (px)	OUTPUT Size(px)	EXT.
1D	Half Analysis	1D Fourier half width forward transform performed in both the ROW and COLUMN directions and are attached to the input file for display usage.	FtXDAnalysis-HELP.pdf	Width by height.	Width * 1.5 by height * 1.5.	jsxbin
2D	Half Analysis	2D Fourier half width forward transform performed and attached to the input file for display usage.	FtXDAnalysis-HELP.pdf	Width by height.	Width * 1.5 by height.	jsxbin
3D	Half Analysis	3D Fourier half width forward transform performed and attached to the input file for display usage.	FtXDAnalysis-HELP.pdf	Width by height.	Width * 1.5 by height.	jsxbin

PROCESS

An RGB file is read, Fourier transformed, canvass enlarged, transform inserted in new space, and output.

RECOMMENDED SCRIPT USAGE

No user parameters.

OUTPUT IMAGES



Ft1D Analysis



Ft2D Analysis



Ft3D Analysis

INSTALLATION/REMOVAL

This script should work on Photoshop versions CS6 and CC onwards and for both Windows and MAC.  
Might also work with Photoshop Elements. Someone should try it. Please.

The Script filename is FtXDAnalysis.jsxbin and will be loaded to a folder with mostly \*.jsx files.  
The Help filename is FtXDAnalysis-HELP.pdf and should be placed in the same folder as the Script file.

MAC OS X foldername: PSCC 2018: Users/[username]/Library/Preferences/Adobe Photoshop CC 2018 Settings	WINDOWS 10 foldername: PSCC 2018: C:\Program Files\Adobe\Adobe Photoshop CC 2018\Presets\Script
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