



Benjamin Girault**, Shrikanth S. Narayanan*, Antonio Ortega*, Paulo Gonçalves*, Éric Fleury*

* Université de Lyon, Inria, ENS de Lyon, CNRS, UCB Lyon 1, 69342, Lyon, FRANCE Signal and Image Processing Institute, University of Southern California, CA 90089 Los Angeles, USA benjamin.girault@usc.edu, {shri, ortega}@sipi.usc.edu, {paulo.goncalves, eric.fleury}@ens-lyon.fr







GraSP: A Matlab Toolbox for Graph Signal Processing

Signals and Graphs processed and displayed using the GraSP toolbox (http://gforge.inria.fr/projects/grasp or https://github.com/STAC-USC/GraSP). This work was supported in part by NSF under grants CCF-1410009, CCF-1527874, CCF-1029373, and Labex Milyon.





					~ ^ X
gnal Sp	ectrum				
2.5		0		,	
2		Ĭ			-
1.5 -	φφ				-
1 -					-
0.5	φ				
0	φ	P 9	an charter		
0.50	°				
- C.U.		-0			1
-1 -	Φ	0			
1.5	0.1	0.2	0.3	0.4	0.5
		Graph F	requency		
ot Four	ier Mode Numl	ber		Apply	
				Арріу	J
tering					
	Lowpass				,
		0.2		Apply	
	Highpass				
				Apply	
	L				1
dex					
				Reset Valu	es
				Signal Valu	es
			63.1	1613 -0.379	717