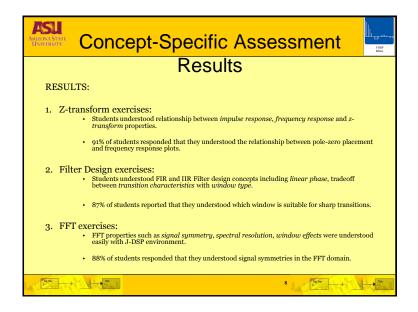


General Assessm	nent	R	esi	ults	J-DSP Editor
Evaluation Questions	Strongly Agree (%)	Agree (%)	Neutral (%)	Disagree (%)	Strongly Disagree (%)
Establishing and connecting blocks is easy	53	39	7	1	0
The graphical interface of J-DSP is intuitive and user-friendly	31	63	5	1	0
In my opinion, this (J-DSP) type of on-line lab concept is beneficial for distance learning	97 (Yes)		-		3 (No)
I would consider J-DSP for small simulations apart from the lab exercises	86 (Yes)		-		14 (No)
With the help of a simple manual, it is possible to learn the basics of DSP by using J-DSP	86 (Yes)		-		14 (No)
The J-DSP should be established as a full-fledged tool	93 (Yes)		-		7 (No)
How long did it take to get familiar with the basics of the J-DSP environment	< 15 min : 36 30-60 min : 2			15-30 min > 60 min	
		7 1.4	Sig de	HA	



	8				- N 8	
Evaluation Questions	Strongly Agree	Agree (%)	Neutral (%)	Disagree (%)	Strongly Disagree	
The J-DSP on-line labs helped me to understand the concepts of the z-transform	50	46	3	1	0	
My understanding of the concepts of FIR and IIR filter design is enhanced by the J-DSP labs	42	47	8	3	0	
The general concepts of using FFT in signal analysis is clear by performing a J-DSP simulation	24	61	13			
I have learned how to generate a sinusoid with a digital filter	29	55	п	3	2	
Enough information is available on the help screens and the dialog windows.	49		33.5 1		13.5	
The relationship between the impulse response and the transfer function is clear	95 (Yes) -			5 (No)		
After performing the J-DSP lab it is clear that the FFT spectral resolution is limited by the FFT size, the window type, and the window size	99 (Yes) - 92 (Yes) -				l (No)	
J-DSP labs enhanced my learning of the basic DSP concepts (Labs 1-4 average statistics)					8 (No)	

their av	erage RAV	0		nprovemer ble below]	nts of 13.5, 9.5 and	L
J-DSP	Number of subtests or	Average raw score [MAX = 100]				
Lab Number	questions in each lab	Pre-lab	Post-lab	Improvement in the raw score		
1	6	78.75	83.5	4.75		
2	5	62.0	75.5	13.5		
3	10	50.0	59.5	9.5		
4	4	61.25	65.0	3.75		
5	4	47.5	59.5	12.0		
ations i	involving	g Inter	active g	graphics. ing some l	ab exercises.	

