

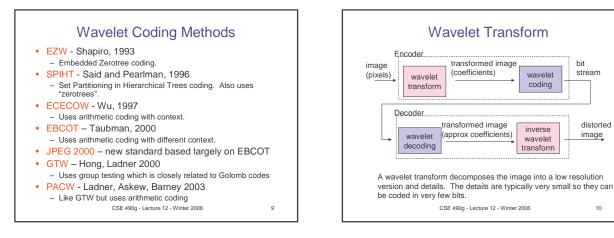
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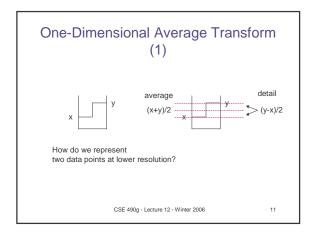
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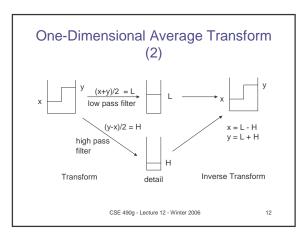
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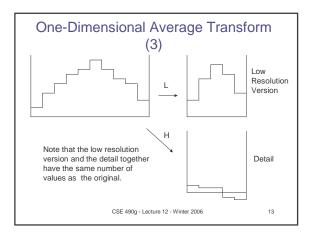
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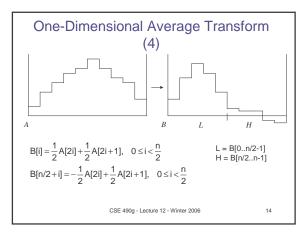
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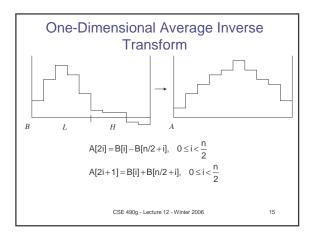


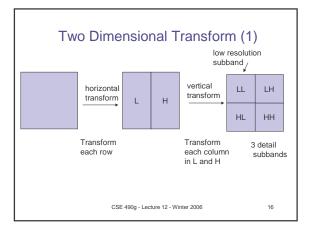


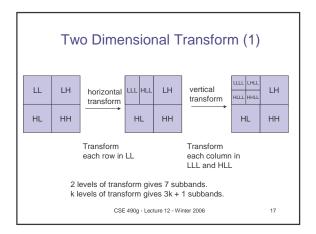


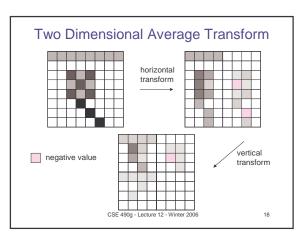


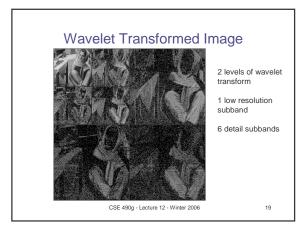


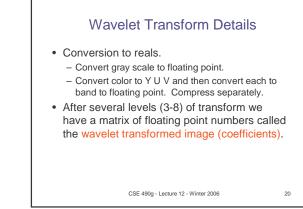


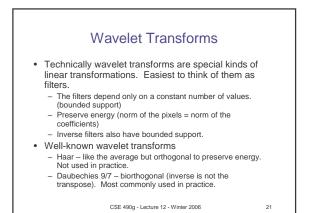


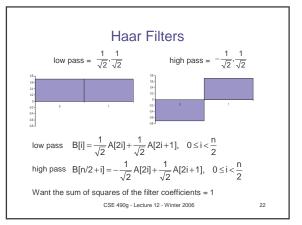


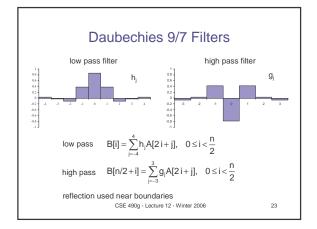


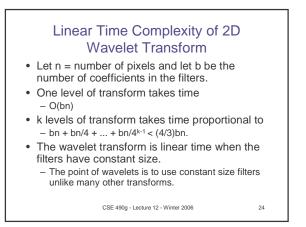


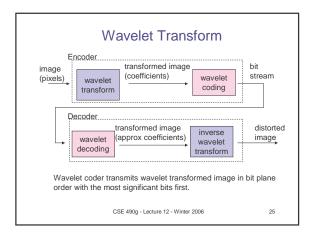


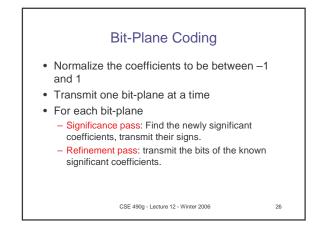


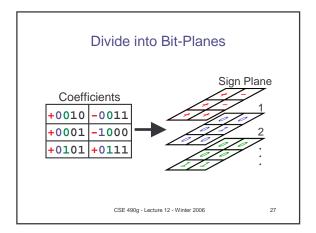


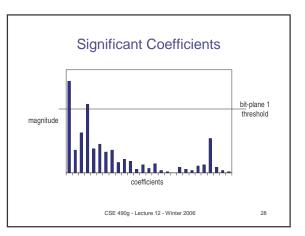


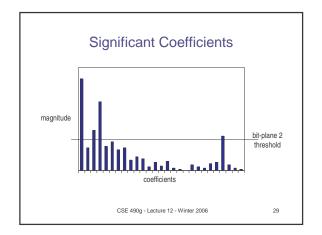


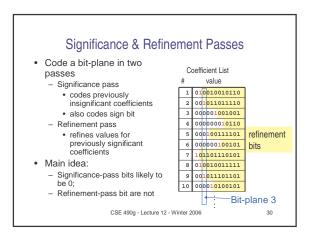


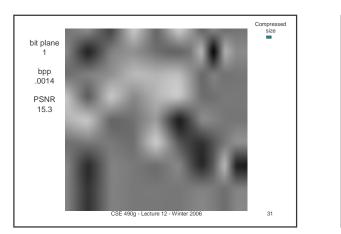


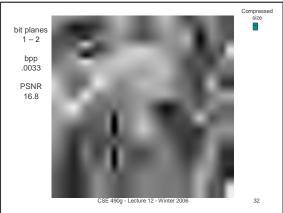


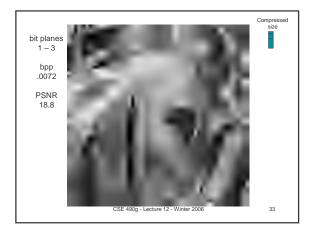






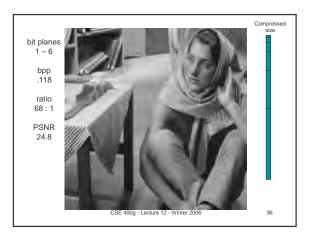


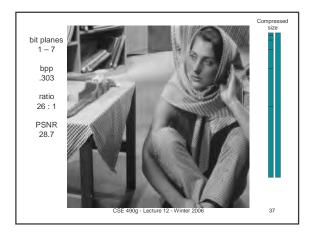


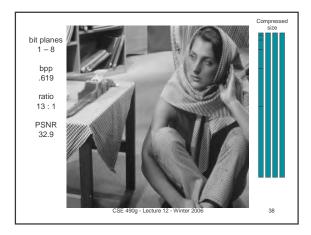


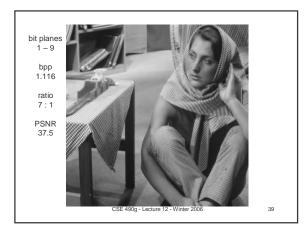


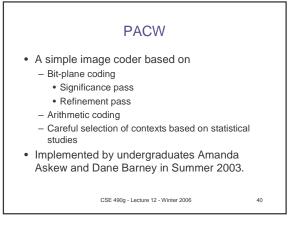


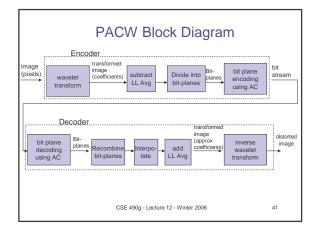


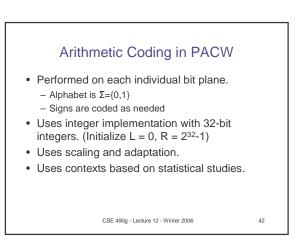


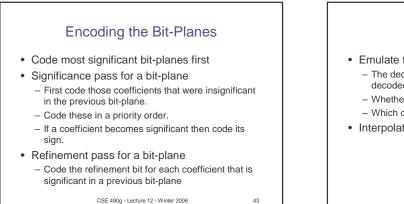


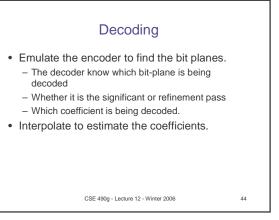


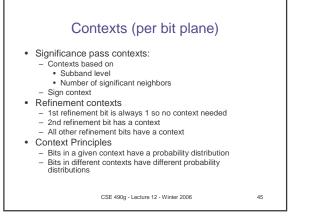


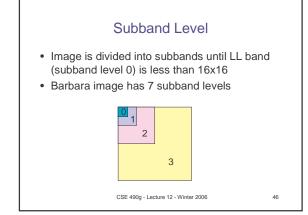


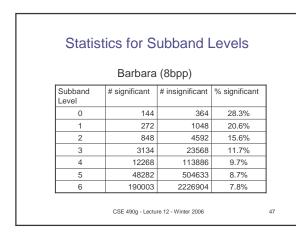


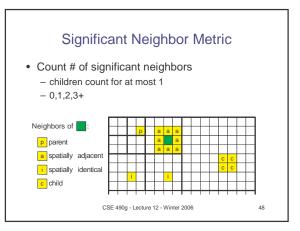












	0	ificant Ne	Ŭ		
Barbara (8bpp)					
Significant neighbors	# significant	# insignificant	% significan		
0	4849	2252468	.2%		
1	13319	210695	5.9%		
2	22276	104252	17.6%		
3	30206	78899	27.7%		
4	33244	55841	37.3%		
5	27354	39189	41.1%		
6	36482	44225	45.2%		
7	87566	91760	48.8%		

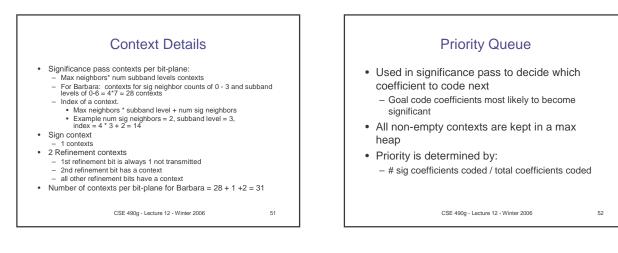
## Refinement Bit Context Statistics

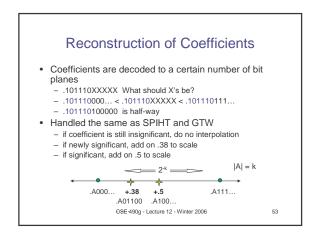
Barbara (8bpp)					
	0's	1's	% 0's		
2 <sup>nd</sup> Refinement Bits	146,293	100,521	59.3%		
Other Refinement Bits	475,941	433,982	53.3%		
Sign Bits	128,145	130,100	49.6%		

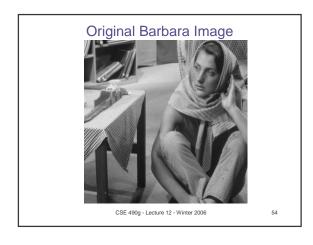
• Barbara at 2bpp: 2<sup>nd</sup> Refinement bit % 0's = 65.8%

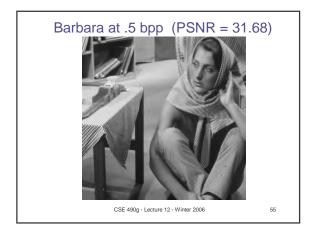
CSE 490g - Lecture 12 - Winter 2006

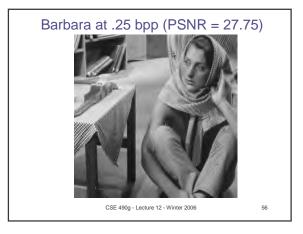
50

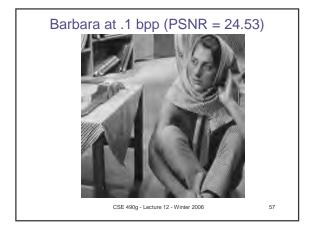


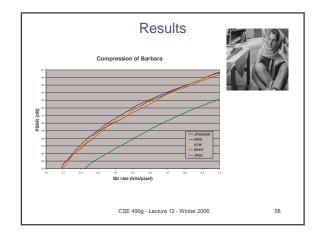


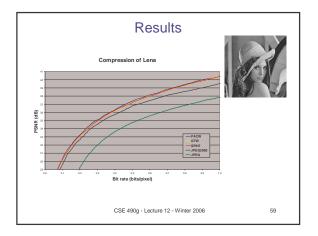


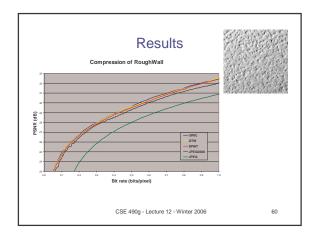












## **PACW Notes**

- PACW competitive with JPEG 2000, SPIHT-AC, and GTW.
- Developed in Java from scratch by two undergraduates, Dane Barney and Amanda Askew, in 2 months.
- Dane's final version is slightly different than the one describe here. See his senior thesis.

CSE 490g - Lecture 12 - Winter 2006

61