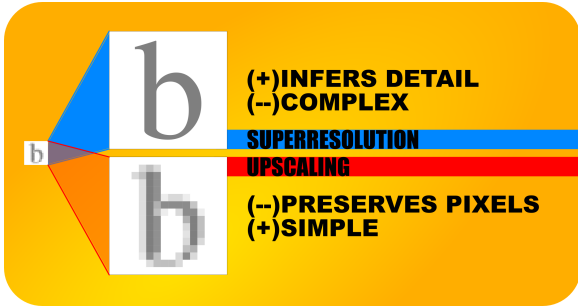
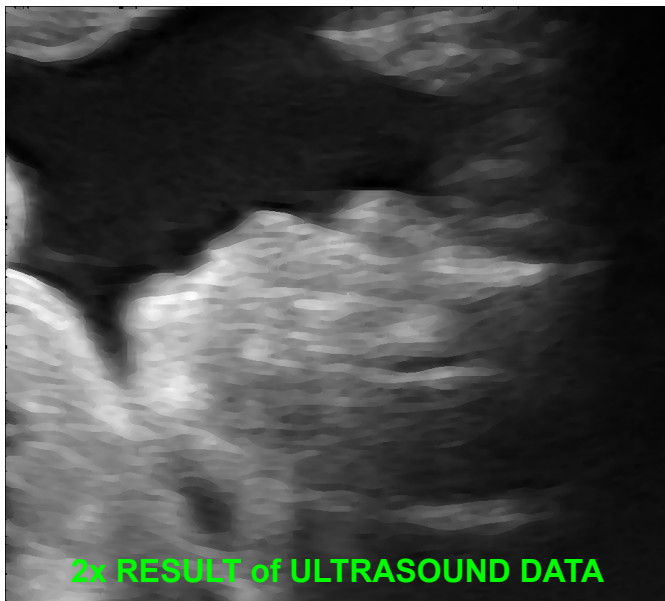
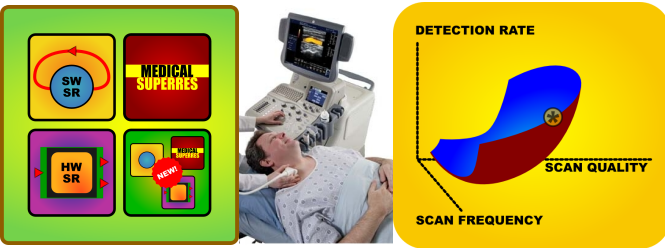


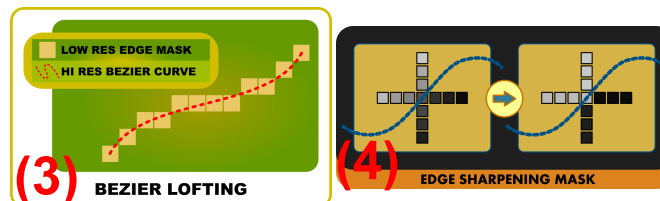
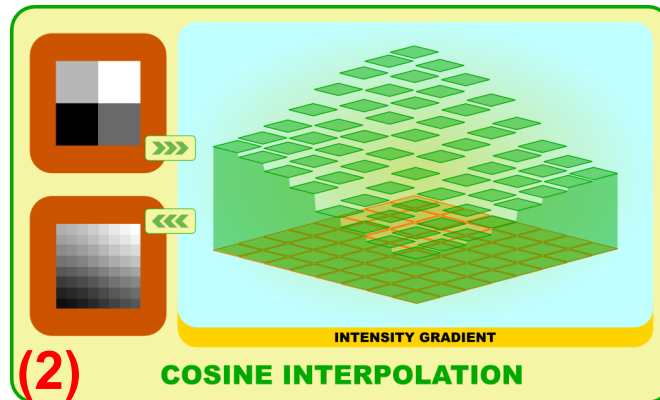
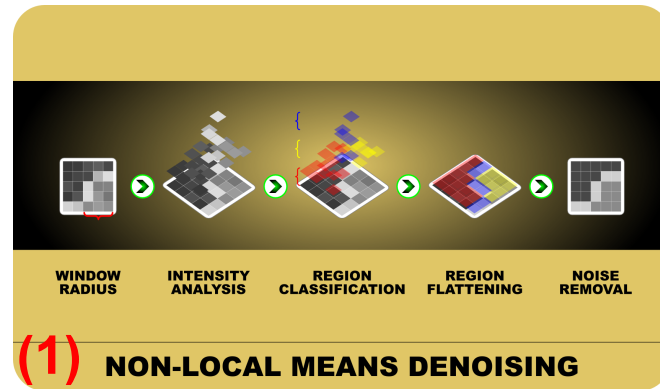
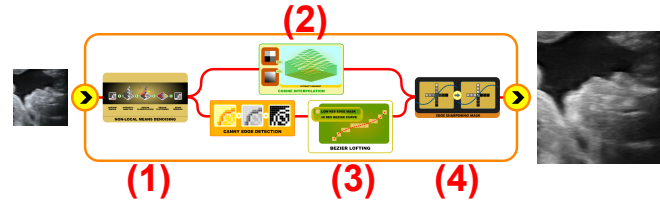
PROBLEM



SIGNIFICANCE

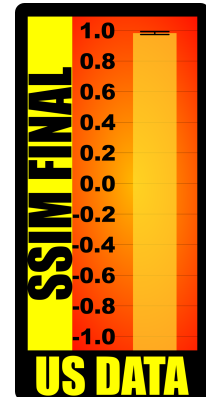
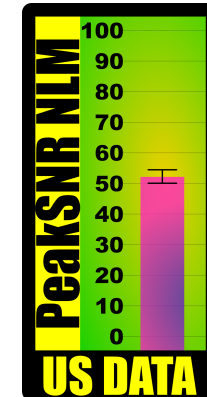
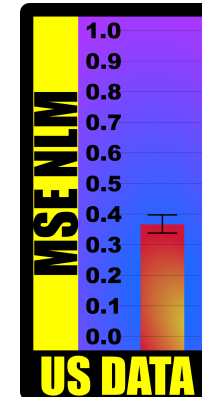


APPROACH



$$BEZpt(u) = \sum_{k=0,n} \{ CTRLpt[k] * C(n,k) * u^k * (1-u)^{n-k} \}$$

RESULTS



$$SSIM(A,B) = \frac{(2 * AVG(A) * AVG(B) + C1) * (2 * COV(A,B) + C2)}{(AVG(A)^2 + AVG(B)^2 + C1) * (SDEV(A) + SDEV(B) + C2)}$$

$$C1 = (0.01 * 2^{bits} - 1)^2 \quad C2 = (0.03 * 2^{bits} - 1)^2$$

CONCLUSION

	Blind Method	Within 1% of Maximal SSIM	O(n)
Hallucination 2002	✗	✓	✗
iNedi 2008	✗	✓	✗
ICBI 2011	✓	✗	✓
Our Method 2012	✓	✓	✓

Future Work

