Numerical Algorithms - First Implementation Simão José Vanda Monero

* Comparations of the ennor for each function. $f(x) = \frac{1}{1+x^2}, x \in \left[-5, 5\right]$ y=8in(x), x ∈ [o, 11] Legrange | Pieceride Lagrange Precewise 11f-Pn 1/00 11f-Pullo N Ilf-Pn llos If-PN los N 0,4787 0,6462 \mathcal{Q} 1,0093 0,4161 \mathcal{Q} 0,1802 4 0,4384 1,1802 1,0380 4 6 1,0452 0,0639 0,0639 1,3428 8 8 14,3939 0,0536 1,3437 0,0536

Ì	Precowise	
N	11 f - Pn Nos	log()
2	0,4181	-1,3280
4	1,1802	0,2390
8	0,0639	-3,9680
0		
<i>p</i>		
ી		

A Some of