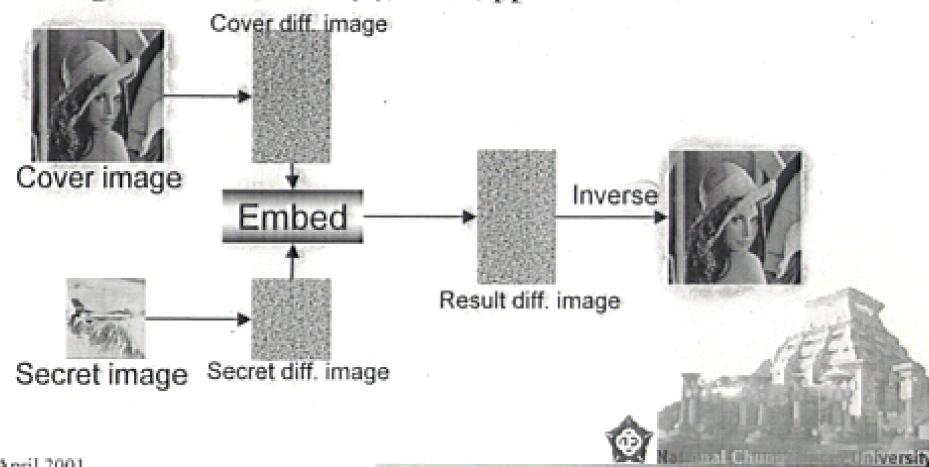
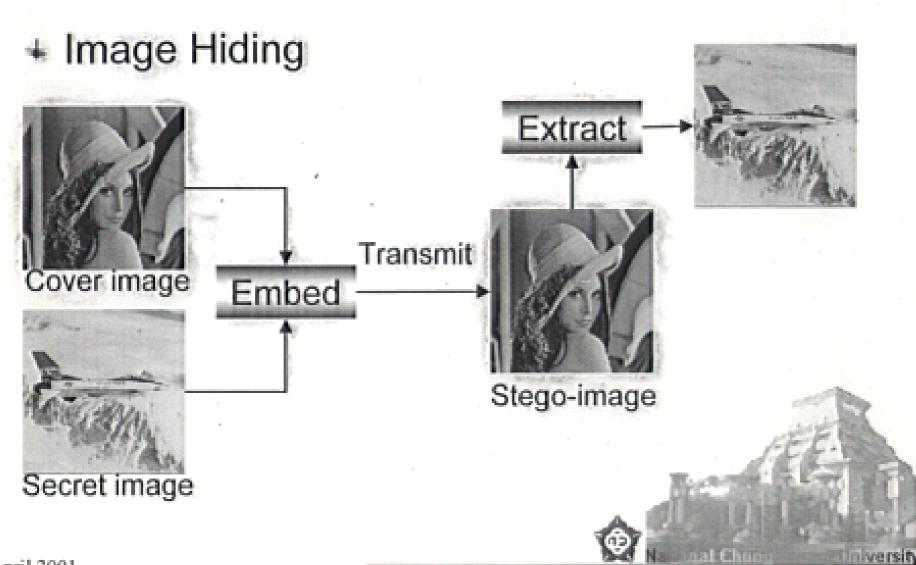
Previous Work

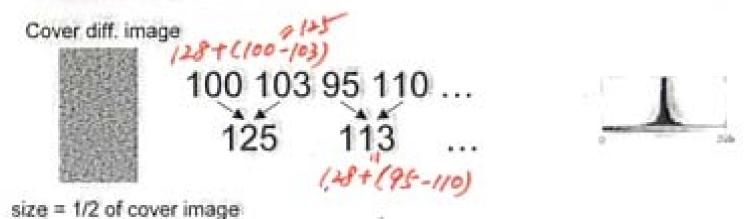
D. C. Wu & W. H. Tsai, "Spatial-domain image hiding using image differencing," IEE Proc.-Vis. Image Signal Process, 147(1), 2000, pp. 29-37.



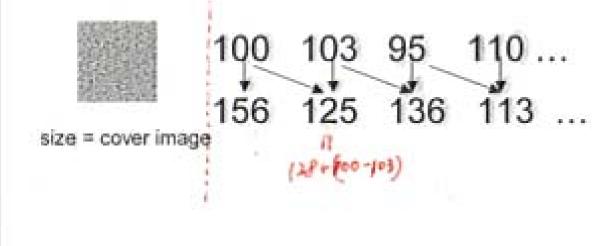
Introduction

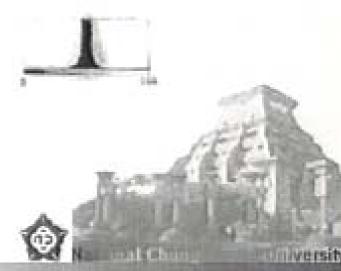


Previous Work - Embedding









Previous Work - Adjust the cover diff. Image





Rang table: Non-uniform quantization

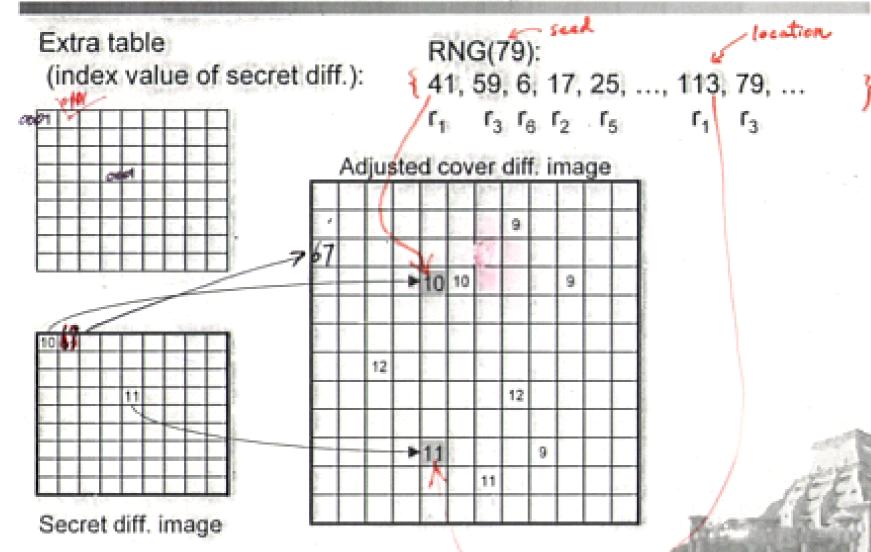




Example	215	(6~31	31~47	48~63	
index	1	2	3	4	
No.cover diff.	32	63	110	239	
No.secret diff.	35	55	115	235	
Adjusted No. of cover diff.	35	55	115	239	

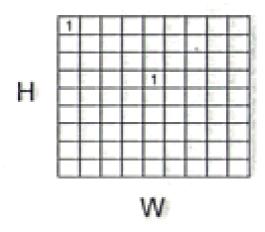


Previous Work - Replacement



Previous Work - Size of the extra table

Extra table (index value of secret diff.):



Size =
$$H \times W \times \log n$$
,
where $n = number of ranges$

Ex.
$$n=16$$

Size = $H \times W \times 4$

