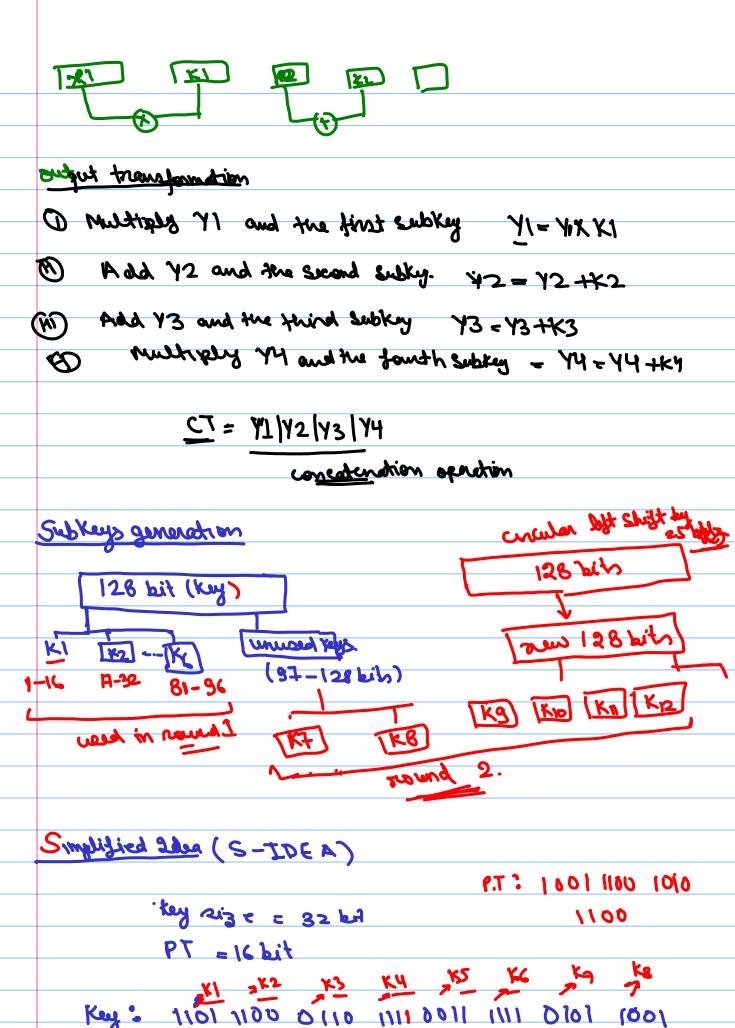
## IDER (3mbrency brokersy cuchikfum Etangery) IDEA ( International Data encuption Alga) · Symmetric Key block Ciphan Lames Messay and XVI Jai Lei — 1991 · literally as a replacement for the DES Ky mze = 128 bot Block nize = 64 bit B= bound no. of subkey = 52 In each round, 6 Subkeys are used. Somb ky size = 16 bets 64 bit P.T - Kt.. K12 Round 2 suffert transformations & Kyg-K52 L CU BIS CT

found Transformations

1.	1X plateluM	and	The first Subkey.	SIE	PIXKJ
			0		

- 7. Multiply S5 with K5

  8. Add the nexult of stop S6 and S7
- 9. Nultyly the results of Step 8 with KG
- 10. Add the result of Step 7 and 39
- 14 & Elbus 18 be theren soft NOX
- 12 KOR the result of 83 and 89 \$72
- 13. XOR the result of the 82 and 10 \$ Y3 14 XOR the repull of 54 and Slo = 74



x <sub>1</sub> = 100]	
X2 = 1100	
xy = 1000	
X4 = 1100	