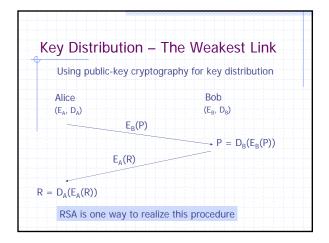




4											
Message 1						1100101					
Pad 1;						1100011					
Ciphertext:	0011011	1101011	0011110	0111010	0100100	0000110	0101011	1010011	0111000	0010011	000010
Pad 2:	1011110	0000111	1101000	1010011	1010111	0100110	1000111	0111010	1001110	1110110	111011
Plaintext 2	1000101	1101100	1110110	1101001	1110011	0100000	1101100	1101001	1110110	1100101	111001
			One	-Tim	e Pad	l - Un	break	able			







<b>U</b>	Signature vs. or Authentic	•	
♦ Using s	ymmetric-key		
Alice	Big Brother A, K <sub>A</sub> (B, R <sub>A</sub> , t, P) ublic-key	$\frac{K_{B}(A, R_{A}, t, P, K_{BB}(A, t)}{K_{BB}(A, t, MD(P))}$	Bob <i>P</i> ))
	E <sub>B</sub> (D <sub>A</sub> (P)) , D <sub>A</sub> (MD(P)) dd integrity checking to	$\begin{array}{l} D_{B}(E_{B}(D_{A}(P)) \rightarrow \\ E_{A}(D_{A}(P) \rightarrow P \end{array}$	Bob D <sub>A</sub> (P)



