08/2/22 Modes of Symmetric Encryption: Model: Electronic Code Book (ECB). Mode 2: Cipher plat chaining (CBC). How to verify if the Public tey's used for entrypting a message is true (or) not. CA: Signs (PKB) -> (Get B, PKB) Alice: vorify PECA (Certo, PKB) = Frue. Egmmettic Key Ougtography: (PKA, SKA) Alice (PKB, SKB) i) sevet tey k 2) DO EPKB(K)-) C 3.) Send S 4) DO PSKB(C) K 5.) Do Ex(M)->C'
6.) Send C'

MAC! Message Authentication Code): C, Tag

C', Tag

A Dx(C')->~1 Mac(t, M) = Tag" Tag" + Tag!. 08/25/22 tash Functions: Digital Signature: > vsed to Provide
Authenticity. -> It is bused on public- Key cryptography (KA, SKA) M H(M) E SKA Sig = Sign SKA (H(M))
Alile BE Voriby Sig, H(M)