Output is 1 bit signal from XOR cascade 1-bit = Linear_Function (LSFR, TAP_MASK, N) Copy Parameters Linear Shift Register of N LOCAL_LIFR = LSFR & TAP_MASK bits, tapped according to the 1 1 Start Nobit mask Intralize Local Variables COUNTER= N, PROPSIGNAL= O Shift_Word_Higher (Local_LSFR) the lowest bit of TAPS Has been shifted into STATUS, C Add Carry Bit to PROP_SIGNAL has effect of XORING the lowest bit of PROPLSIGNAL Decrement COUNTER Propagate
through next
bit? COUNTER == 0 COUNTER != 0 Keturn only 1-bit PROP_SIGNAL & 1