Firev

#Delta Modulation

Digital Date > Analog Sygnal

We Dom to reduce the complexity of Petri

Pem

Pem

Pem finds the value for the signal

amplitude wheres Dom calculates the change,

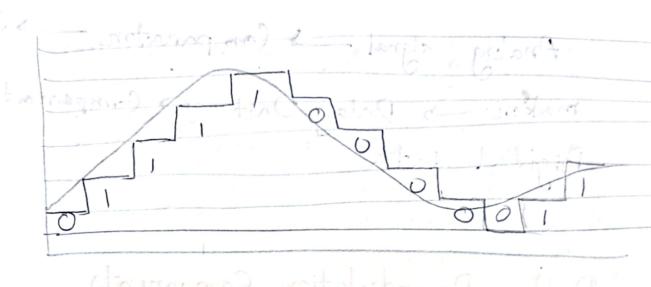
There are no endewoords here; bits are

generated one by one.

mediang Abre trainor Sol of 1.

Next encoden = 1 &

:08/



Reduce Complexity)

* Analog input is approximated by a staincase function.

Move up when S=1; down when S=0 Delta modulation Component

Anglo.

Delta Modulation Components > Stainer Analog signal -> (om paraton maker -> Delay Unit -> Comparaton-> Digital data De Ha Demodulation Components Digital data > Staircase Maken >low-pass filten -> Delay Voit -> Analog Signal Fourisand do su product down when of p when 6=1; trescolusion (combinity