

















Circh a channel F(Z)=1-0.52+0.22 the receiver mensurements intervals is given by T(k) = \Sfr I(k-l) + n(k) over the fint 6 symbol l=0 , and data symbols ICR) E {+1, -1}

r(k) 1.1 2 3 4 5 6 ... r(k) 1.1 0.6 -1.5 1.6 -1.5 -0.2 4

Set up the trellis for the VA, and determine (5) the at time R=6 & (b) the corresponding survivor sequence smallest Cumulative Hetric (12)

¥ ¥ How many states? **ルニ2** 1=3 נע = 4 state -1 +0.5 - 0.2 1+0.5 -0.2 IJ

