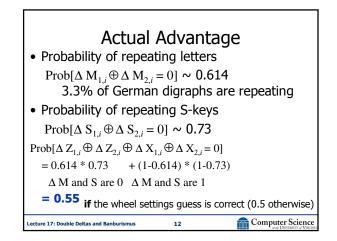
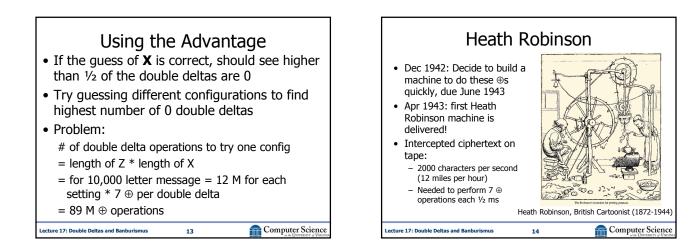
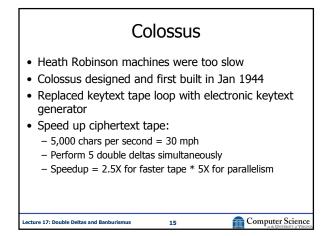
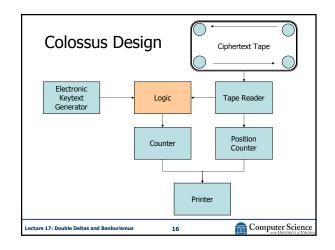


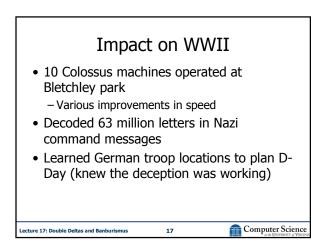
Double Delta
Double Deita
$\Delta \mathbf{Z}_{c,i} = \mathbf{Z}_{c,i} \oplus \mathbf{Z}_{c,i+1}$
Combine two channels:
$\Delta Z_{1,i} \oplus \Delta Z_{2,i} = \Delta M_{1,i} \oplus \Delta M_{2,i} > 1/2 \text{ Yippee!}$
$\oplus \Delta X_{1,i} \oplus \Delta X_{2,i} = \frac{1}{2}$ (key)
$\oplus \Delta S_{1,i} \oplus \Delta S_{2,i} > \frac{1}{2}$ Yippee!
Why is $\Delta M_{1,i} \oplus \Delta M_{2,i} > \frac{1}{2}$
Message is in German, more likely following
letter is a repetition than random
Why is $\Delta S_{1,i} \oplus \Delta S_{2,i} > \frac{1}{2}$
S-wheels only turn when M-wheel is 1
Lecture 17: Double Deltas and Banburismus 11 Computer Science



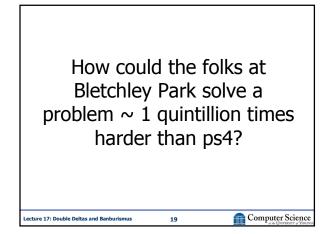


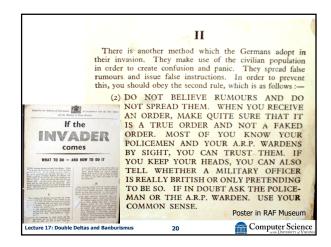


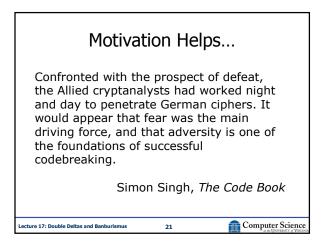


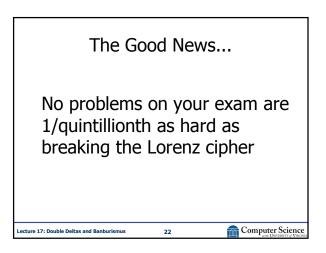


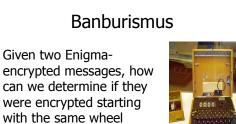












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Computer Science

settings?

Lecture 17: Double Deltas and Banburismus

