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Error Control Coding - Error Control Coding by Gresham College 5,334 views 2 years ago 57 minutes - When was the last time you opened a file and noticed a computer glitch? "Never" is the usual answer. Yet the underlying ...

Introduction

Forward Error Correction

**Parity** 

Exclusive or

**RAID** 

Shannon Weaver Model

Binary channel model

Random noise

Repetition code

Plotting error rates

Nofree lunch theorem

Coding model

Shannons coding theorem

Aristotelian dialogue

Visualization

Error Control Coding (part 1) - Error Control Coding (part 1) by Mohamad Eid 306 views 3 years ago 44 minutes

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Outline

Block Diagram for ECC

Noisy Channels Transmission channels

Types of Codes

Block Codes The encoder for the block codes operates on k information symbols at a time. A message block is represented by a binary k-tuple

Block Code Example

Convolutional Codes The encoder for the convolutional codes operates on k information symbols at a time.

Convolutional Code Example

Types of Errors

**Error Control Coding Strategies** 

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100% Fix xinput1\_3.dll file missing. - 100% Fix xinput1\_3.dll file missing. by COMPUTER JACK 94,986 views 3 years ago 2 minutes, 39 seconds - Welcome back in computer jack channel, Today's video i am going to show you how to fix this **error**, code like:- xinput1 3 dll is ...

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How To Install the Command Line Tools and Fix xcrun Errors - How To Install the Command Line Tools and Fix xcrun Errors by Just Another Dang How To Channel 5,271 views 1 year ago 6 minutes, 7 seconds - Been trying to fix a nagging issue with my builds in Xcode and uninstalled everything and learned a thing or two about the ...

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Introduction

Encoding

Block coding

Generator Matrix

Block Code

**Errors** 

Example

Equation set

Error correction

Error correction example

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Question

State table

Output

State

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212 Convolutional Encoder

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