

reviewer3@nptel.iitm.ac.in ▼

Courses » Information Theory, Coding and Cryptography

Announcements Course Ask a Question Progress Mentor FAQ

Unit 11 - Week 10

Course outline	Assignment 10		
How to access the portal	The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.	Due on 2018-10-10, 23:5	9 IST.
Week 1	1) For designing trellis code for AWGN channels, the emphasis must	be on maximizing	1 point
Week 2	Euclidean distance between code vectors		
Week 3	Hamming distance between code vectors Manhattan distance between code vectors		
Veek 4	Shannon distance between code vectors		
Veek 5	No, the answer is incorrect.		
Veek 6	Score: 0 Accepted Answers:		
Veek 7	Euclidean distance between code vectors		
Veek 8	For designing trellis code for fading channels, the emphasis must	be on maximizing	1 point
Veek 9	Euclidean distance between code vectors		
Veek 10	Effective length, L Minimum product distance $d_x^2(L)$		
Introduction to Trellis Coded Modulation (TCM)	None of the above No, the answer is incorrect.		
Ungerboek's design rules and performance Evaluation of TCM schemes	Score: 0 Accepted Answers: Effective length, L 3) The design rule for Space Time Trellis Codes for slow Rayleigh fac	ding channel is given by	1 poin
TCM for fading channels and Space Time Trellis Codes (STTC)	Rank-determinant criteria Product-distance criteria	,	
Quiz : Assignment	Maximum effective length criteria None of the above		
Veek 11	No, the answer is incorrect.		
Veek 12	Score: 0		
Additional Lectures	Accepted Answers: Rank-determinant criteria		
	4) A 64-state TCM scheme has a d ² _{free} = 6.34Es. The asymptotic co to the uncoded minimum squared Euclidean distance of 2Es would be	oding gain of this TCM scheme with respect	1 point
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