Student ID.	201856	Name: 760+0		
[1] For each descrip	otion below, find all the	answers from the list: [1 p		-
What are the thing Find all the profit Find all the profit What are the two [Market of Market of	ensor produces an electri	gyro sensor?) ur smartphone 714	[B) [P), sure difference betwee	
Accelerometer	Gyroscope	(K) Microphone	P) Receiver -×	(U) Transmitter. X
B) AMOLED 1206.	VA.	L) NFC X	Q) Roll 🕏 🗸	V) Ultrasonic X
® Bluetooth	H) LCD	M) Piezoelectric by	R) Speaker ×	W) USB ×
CMOS sensor	I) LIDAR	N) Pitch &	S) Thermal X	X) WLAN X.
E) GPS	J) Mechanical switch	O) RADAR	Touch screen .	YXYaw &
③ In analog-to-dig	ital conversion, the only	n, but Run-length coding is a technique to avoid aliasing is	s to satisfy the Nyquist	[True]
③ In analog-to-dig	ital conversion, the only	technique to avoid aliasing is	s to satisfy the Nyquist	t sampling rate.
3 In analog-to-dig The only method	ital conversion, the only		s to satisfy the Nyquist	t sampling rate.
3 In analog-to-dig The only method signal duration in	ital conversion, the only	technique to avoid aliasing is lata transmission is to increase	s to satisfy the Nyquist	t sampling rate. [True] because the increase in
The only method signal duration in S A pair of complete	ital conversion, the only to reduce the errors in d ncreases the signal energ ementary signals never b	technique to avoid aliasing is lata transmission is to increase	the signal duration by ariance.	t sampling rate. [True] because the increase in [False] [True]
In analog-to-dig The only method signal duration in A pair of complete The two binary s	to reduce the errors in decreases the signal energy ementary signals never be signals $\{1, 1, -1, -1, -1\}$	technique to avoid aliasing is lata transmission is to increase while decreasing the noise vecome orthogonal. and \$1, -1, 1, -1, 1, -1} are or ion is proportional to both the	the signal duration by the variance.	t sampling rate. [Twe] because the increase in [False] [True]
In analog-to-dig The only method signal duration in A pair of completion of the two binary so Channel capacitation	ital conversion, the only to reduce the errors in decreases the signal energy ementary signals never be signals 11, 1, -1, -1, -1) ity of wireless transmissi	technique to avoid aliasing is lata transmission is to increase by while decreasing the noise vecome orthogonal. and \$1, -1, 1, -1, 1, -1} are or ion is proportional to both the	the signal duration by ariance. rthogonal. ne bandwidth and the	t sampling rate. [Twe] because the increase in [False] [True] transmission range.
In analog-to-dig The only method signal duration in A pair of completion of the two binary so Channel capacitation	to reduce the errors in decreases the signal energy signals never be signals \(\begin{array}{c} 1, 1, -1, -1, -1 \\\\\\\\\\\\\\\\\\\\\\	technique to avoid aliasing is lata transmission is to increase by while decreasing the noise vecome orthogonal. and \$1, -1, 1, -1, 1, -1} are or ion is proportional to both the	the signal duration by ariance. rthogonal. ne bandwidth and the or Con.	t sampling rate. [Twe] because the increase in [False] [True] two]Fa transmission range. 7121 [False]
In analog-to-dig The only method signal duration in A pair of comple The two binary s Channel capaci The two binary s Channel capaci Channel capaci I channel capaci	ital conversion, the only Ito reduce the errors in describes the signal energy ementary signals never be signals (1) 1, 1, -1, -1, -1) ity of wireless transmissions. [2 pts each, No partial describes be see.]	technique to avoid aliasing is lata transmission is to increase by while decreasing the noise vecome orthogonal. and \$1, -1, 1, -1, 1, -1} are ortion is proportional to both the proportional to both the proportional to both the proportional to both the quality of the received by that the sum of n independent	the signal duration by variance. rthogonal. the bandwidth and the control of th	t sampling rate. [Twe] because the increase in [False] [True] two] For example transmission range. Plant [False] ability of detecting the opposition of a Gaussian
In analog-to-dig The only method signal duration in A pair of comple The two binary s Channel capaci The two binary s Channel capaci Channel capaci I channel capaci	ital conversion, the only Ito reduce the errors in describes the signal energy ementary signals never be signals (1) 1, 1, -1, -1, -1) ity of wireless transmissions. [2 pts each, No partial describes be see.]	technique to avoid aliasing is lata transmission is to increase by while decreasing the noise vecome orthogonal. and \$1, -1, 1, -1, 1, -1} are or ion is proportional to both the proportional to both the proportional pt] oth the quality of the receive	the signal duration by variance. rthogonal. the bandwidth and the control of th	t sampling rate. [Twe] because the increase in [False] [True] two] For example transmission range. Plant [False] ability of detecting the opposition of a Gaussian
In analog-to-dig The only method signal duration in S A pair of comple The two binary s Channel capaci [3] Fill in the blank correct data value distribution as n S [],	ital conversion, the only to reduce the errors in describes the signal energy ementary signals never be signals (1, 1, -1, -1, -1) ity of wireless transmissions. [2 pts each, No partial describes be seed to be signals (1, 1, -1, -1, -1) ity of wireless transmissions. [3 theorem say becomes large, no matter [1, and [1]]	technique to avoid aliasing is lata transmission is to increase y while decreasing the noise vectome orthogonal. and \$1, -1, 1, -1, 1, -1} are or ion is proportional to both the proportional to both the proportional to both the quality of the received what the distributions of the] are the three con	the signal duration by variance. rthogonal. the bandwidth and the control of th	t sampling rate. [Twe] because the increase in [False] [True]
In analog-to-dig The only method signal duration in S A pair of comple The two binary s Channel capacity The matched property of the control of the c	ital conversion, the only Ito reduce the errors in decreases the signal energy ementary signals never be signals {1, 1, -1, -1, -1} ity of wireless transmissions. [2 pts each, No particular of the companies	technique to avoid aliasing is lata transmission is to increase while decreasing the noise vectore orthogonal. and \$1, -1, 1, -1, 1, -1} are or ion is proportional to both the proportional to both the proportional to b	the signal duration by variance. rthogonal. the bandwidth and the probant random variables apprandom variables have apponents of a linear fill signal and the received quency.	t sampling rate. [Twe] because the increase in [False] [Twe] two]False] transmission range. TM [False] ability of detecting the proaches to a Gaussian ter. d signal.
In analog-to-dig The only method signal duration in S A pair of comple The two binary s Channel capacity The matched property of the control of the c	ital conversion, the only Ito reduce the errors in decreases the signal energy ementary signals never be signals {1, 1, -1, -1, -1} ity of wireless transmissions. [2 pts each, No particular of the company of the	technique to avoid aliasing is lata transmission is to increase y while decreasing the noise vectome orthogonal. and 31, -1, 1, -1, 1, -1} are or ion is proportional to both the proportional to both the proportional to both the quality of the receive y that the sum of n independent what the distributions of the] are the three con [] between the target	the signal duration by variance. rthogonal. the bandwidth and the probant random variables apprandom variables have apponents of a linear fill signal and the received quency.	t sampling rate. [Twe] because the increase in [False] [Twe] two]False] transmission range. TM [False] ability of detecting the proaches to a Gaussian ter. d signal.