RTDC_T4_PRUEBA_DE_CLASE_2022_GRUPO DE MAÑANA

Volver a la Lista de	Exámenes
101101010101010	- LAGITICITES

Parte	1	de	1	-1	10.0 / 10.0 Punto:

reguntas 1 de 9	1.5
	1.5 Puntos
☐ A. The in-p☐ B. The nois	factor (epsilon) of an optical hybrid in a balanced coherent detector is not 1/2 then: (choose two correct statements) ohase and quadrature components cannot be independently retrieved because they are now coupled. See term arising from the beat between the signal and the optical noise is cancelled. Supplies and quadrature components can be independently retrieved but subject to increased noise contribution. See term arising from the beat between the signal and the optical noise is not cancelled.
reguntas 2 de 9	1.0
	1.0 Puntos
Under typical of Verdadero Falso	operation conditions in a balanced coherent receiver signal-amplified spontaneous emission beating noise dominates over shot no
reguntas 3 de 9	1.0
	1.0 Puntos
A. Intercha B. Intracha C. Intracha	ominant nonlinear effect in a typical coherent WDM multichannel transmission system at high SNR values? annel signal-signal beating noise annel signal-noise beating noise. annel signal-noise beating noise
reguntas 4 de 9	1.0 Puntos
Verdadero Falso	performance in a coherent system the best constellation is a ring type where all the points in the different rings are equiprobable.
reguntas 5 de 9	1.0 Puntos
B. Polariza C. Clock ph	ation demultiplexing stion mode dispersion compensation hase recovery regeneration
reguntas 6 de 9	1.0
	1.0 Puntos
	instrucciones adicionales length for a fiber with no gain (g=0) and attenuation 0.2 dB/Km is (remember to use neper/Km units) is 20.2 Km.
reguntas 7 de 9	1.0 Puntos
Under typicalVerdaderoFalso	operation conditions in a balanced coherent receiver shot noise dominates over signal-amplified spontaneous emission beating no
reguntas 8 de 9	1.5 Puntos
A. At high S B. At high S C. At low S	rect statements regarding the dependence of the spectral efficiency of a multichannel coherent communication system on its inpu SNR values the spectral efficiency grows with increasing SNR values SNR values the spectral efficiency decreases with SNR due to the limiting effect of ASE noise. SNR values the spectral efficiency grows with increasing SNR values SNR values the spectral efficiency decreases with SNR due to the limiting effect of nonlinearities
reguntas 9 de 9	1.0 Puntos