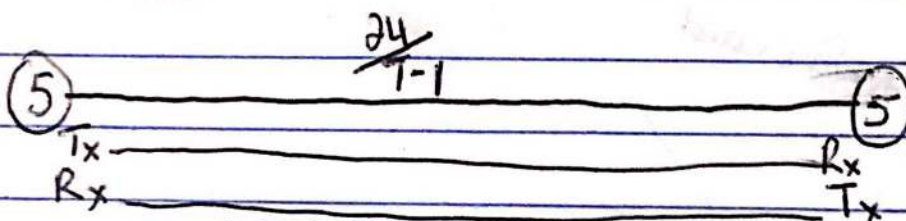
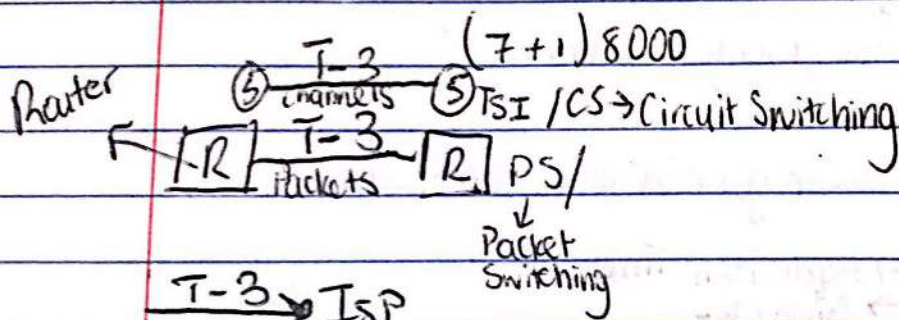


Course Num: CPET 481

Date: September 27, 2018.

Read T-1 Basics on MyCourses



1 24 [F] Layer 2
7 15

- BPAMIRZ
Bipolar Return to zero

- Complex

- $BW \rightarrow f_0 - \frac{1}{2}$

- Power

- Synchronization

- Detect Errors

↳ Algorithm

B8ZS \rightarrow Binary 8 Zero Substitution

Bipolar AMI \rightarrow 10 110 00 110 1 Mark - 1
Space - 0

$$F_b = [(24 \cdot 8) \cdot 1] 8000 = 1.5444 \cdot 10^6 \text{ bps} / Q$$
$$BW = F_b / 2$$

* Quiz on Next week Thursday (On this stuff)