





14 82 CH 82 CH 8

The A







- Telephone conversation over a telephone line
- Live television news interview from Europe
- Web page download over your telephone line via the Internet



The 197

Both Data (sources of data) and Signals can be
either analog
or digital

6

- Four combinations
 - Transmitting digital data using digital signals
 - Transmitting digital data using analog signals
 - Transmitting analog data using analog signals
 - Transmitting analog data using digital signals
- Need Translation devices













D	igital sig	nals 🛧	the second se		10
	Represented	as discrete (n	on-continuou	s) waveform	they are the
	In <i>digital tra</i> fixed length The state of t during each o Typically, t Here, only	nsmission, tin called clock of the signal (voo clock cycle. here are betwee two states are sh	ne is divided i sycles Itage level, etc in two and 64 pos nown	into periods c c.) remain co ssible states.	of nstant
Ve	oltage				
	the first	Clock C	ycle	Ti	me































North Martin	1. Distinguish between digital and analog signals	9-10
	2. Distinguish between digital and binary transmission	12
N. S. L. L. S. N.	3. What is the difference between the bit rate and the baud rate?	16

