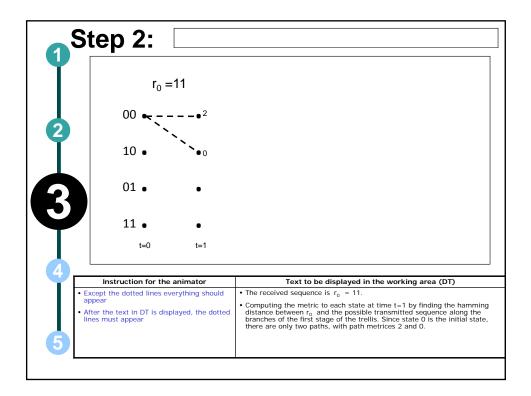
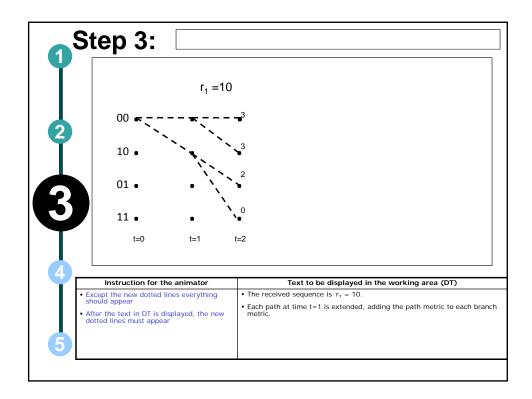
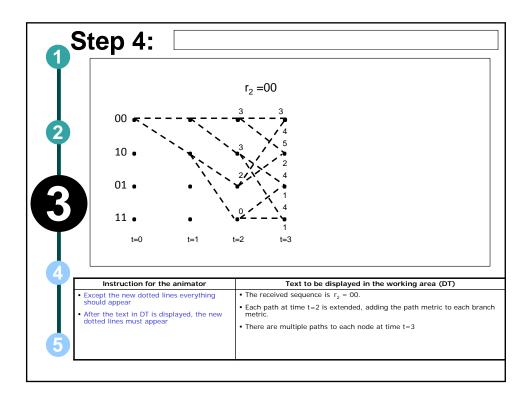
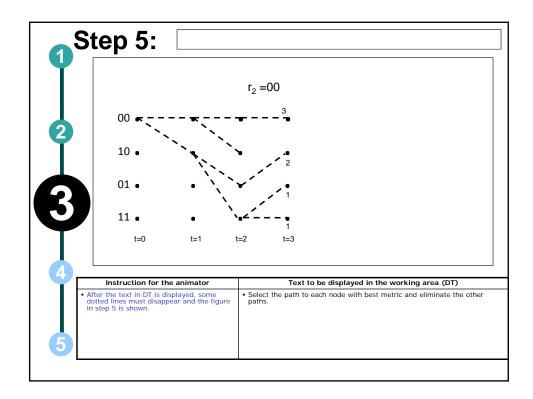


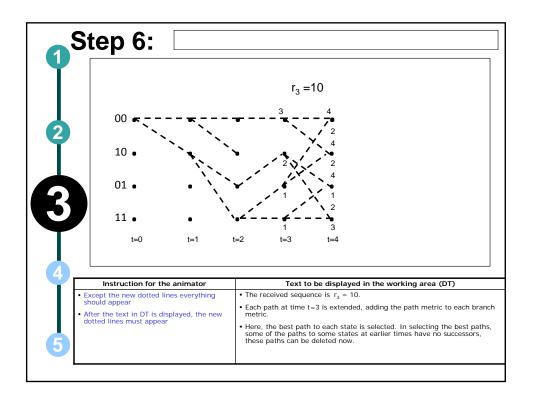
<b>Step 1:</b>						
3						
	Instruction for the animator	Text to be displayed in the working area (DT)				
		Consider an example				
		• When the data sequence 1 1 0 0 1 0 1 0 is applied to the encoder, the coded output bit sequence is 11 10 10 11 11 01 00 01.				
4		<ul> <li>When the data sequence 1 1 0 0 1 0 1 0 is applied to the encoder, the coded output bit sequence is 11 10 10 11 11 01 00 01.</li> <li>The coded output sequence passes through a channel, producing the received sequence r = [11 10 0 0 1 10 0 0 01].</li> </ul>				
4		coded output bit sequence is 11 10 10 11 11 01 00 01.				
4		<ul> <li>coded output bit sequence is 11 10 10 11 11 01 00 01.</li> <li>The coded output sequence passes through a channel, producing the received sequence r= [ 11 10 <u>0</u>0 1<u>0</u> 11 01 00 01].</li> </ul>				
4		<ul> <li>coded output bit sequence is 11 10 10 11 11 01 00 01.</li> <li>The coded output sequence passes through a channel, producing the received sequence r= [ 11 10 <u>0</u>0 1<u>0</u> 11 01 00 01].</li> </ul>				
4		<ul> <li>coded output bit sequence is 11 10 10 11 11 01 00 01.</li> <li>The coded output sequence passes through a channel, producing the received sequence r= [ 11 10 <u>0</u>0 1<u>0</u> 11 01 00 01].</li> </ul>				
4		<ul> <li>coded output bit sequence is 11 10 10 11 11 01 00 01.</li> <li>The coded output sequence passes through a channel, producing the received sequence r= [ 11 10 <u>0</u>0 1<u>0</u> 11 01 00 01].</li> </ul>				

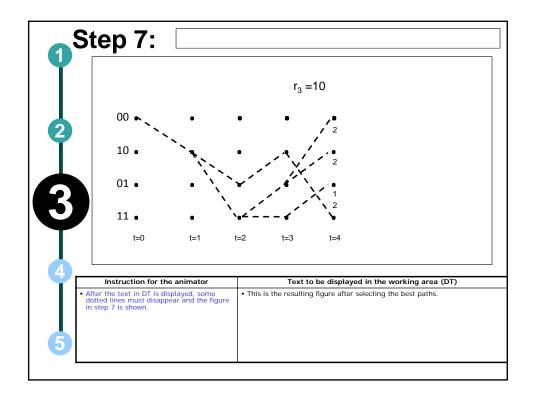


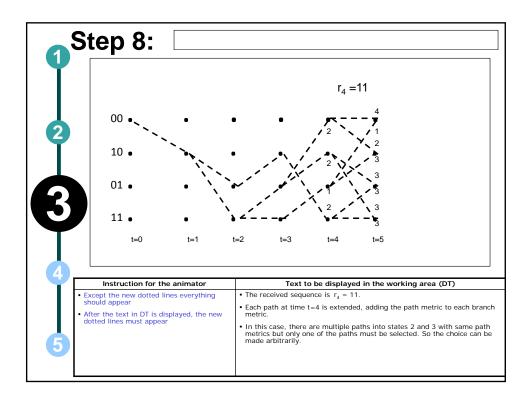


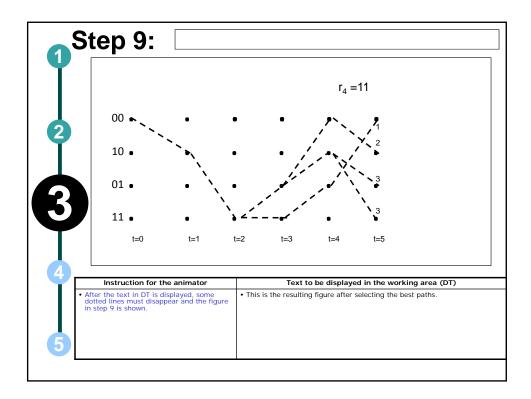


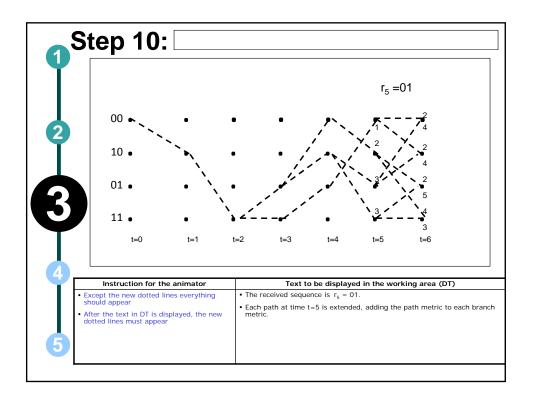


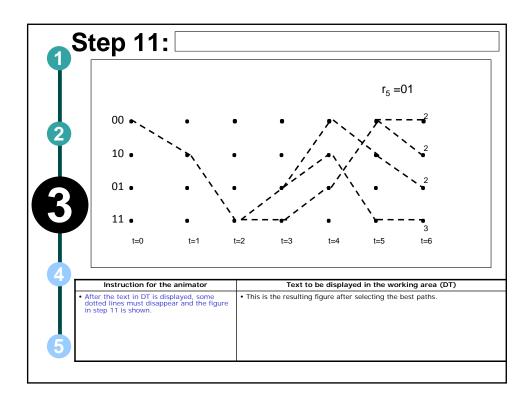


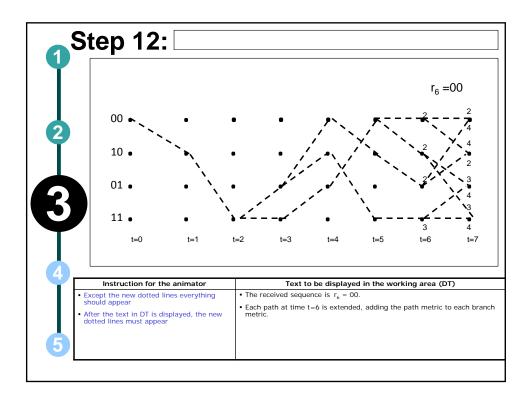


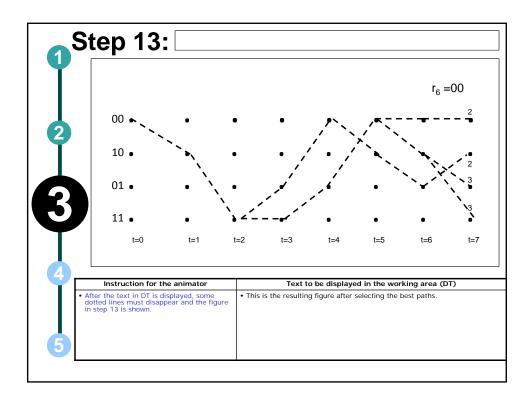


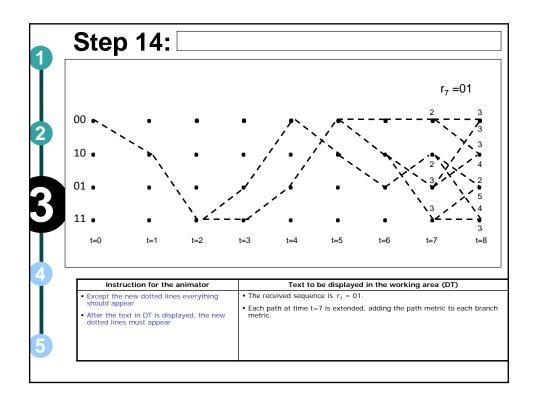


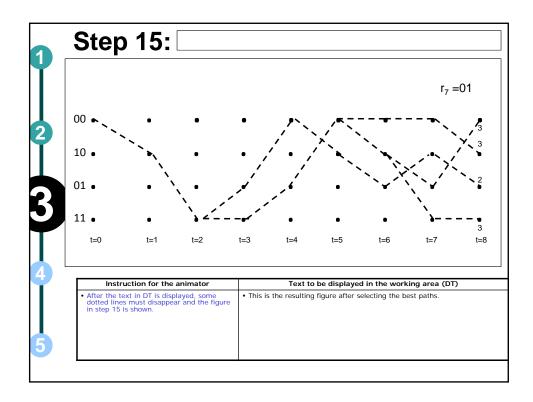


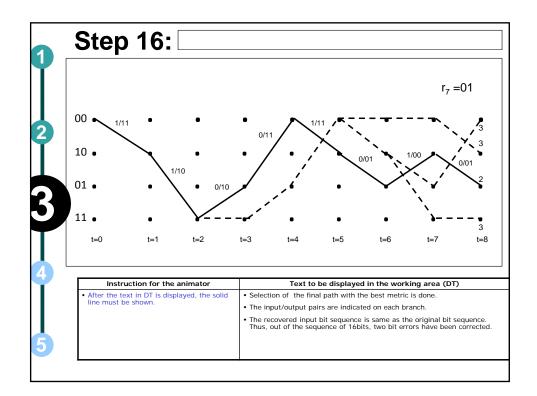


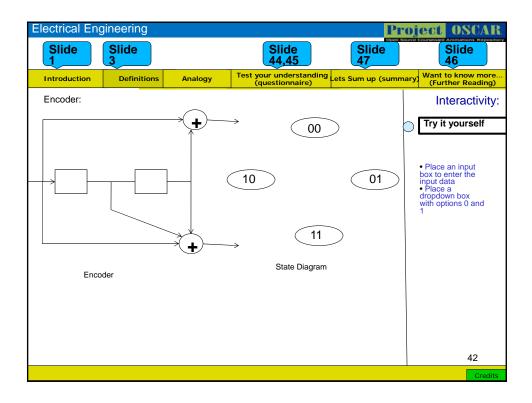












Electrical Eng	gineering			Project OSCAR		
Slide 1	Slide 3		Slide 44,45	Slide 47	Slide 46	
Introduction	Definitions	Analogy	Test your understanding (questionnaire)	<sup>g</sup> Lets Sum up (summar	y Want to know more (Further Reading)	
Decoder:					Interactivity:	
				C	Try it yourself	
•••	•••	•••	· · · · · ·		Place an input box to enter the 16-bit output data sequence Place a dropdown box with options 000, 10, 01, 11	
• •	• • •	• • •				
• •	•••	• • •		•		
	Т	rellis Diagra	m			
					43	
					Credits	

