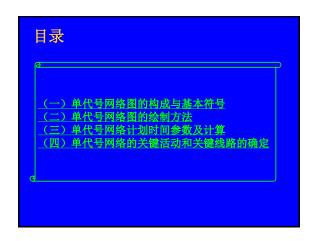
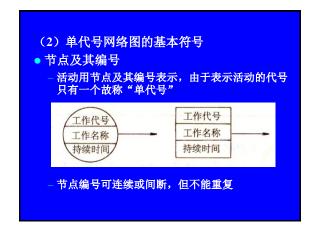
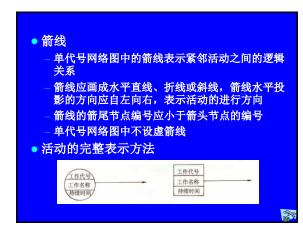
单代号网络计划 2.4



(一)单代号网络图的构成与基本符号 (1)单代号网络图的构成 •单代号网络图用节点及其编号表示活动,用箭线表示活动之间的逻辑关系



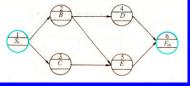




(2) 单代号网络图的绘图规则

- 单代号网络图必须正确表述已定的逻辑关系
- 单代号网络图中严禁出现循环回路
- 单代号网络图中,严禁出现双向箭头或无箭 头的连线
- 单代号网络图中,严禁出现没有箭尾节点的 箭线或没有箭头节点的箭线
- ◆绘制网络图时,箭线不宜交叉,当交叉不可 避免时,可采用过桥法和指向法绘制

 单代号网络图中应只有一个起点节点和终点 节点;当网络图中有多项起点节点和多项终 点节点时,应在网络图的两端分别设置一项 虚活动,作为该网络图的起点节点(S_t)和终 点节点(F_{in})

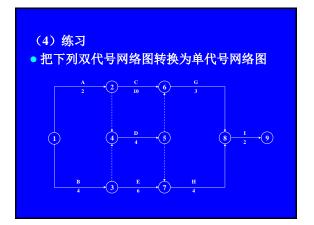


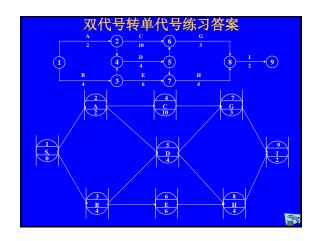
(3) 单代号网络图的绘制

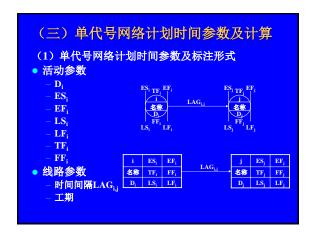
- 顺推法
- 逆推法
- → 示例

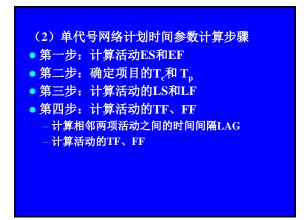
活动	A	В	C	D	E	F	G	H
紧前活动	-	_	A	AB	В	DE	CD	C
繁后活动	CD	DE	GH	FG	F	_	_	_

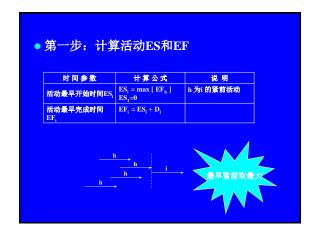
活动	A	В	C	D	E	F	G	Н
紧前活动	_	_	A	AB	В	DE	CD	C
紧后活动	CD	DE	GH	FG	F	_	_	_
			2 A		(4 C	 }	
					Ì			
						<u>5</u>		
S.						<u> </u>		
			3			6		
		Æ	B			E)—	

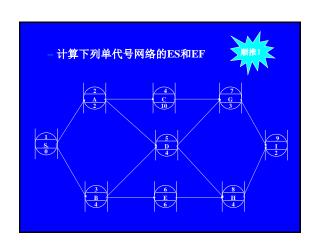


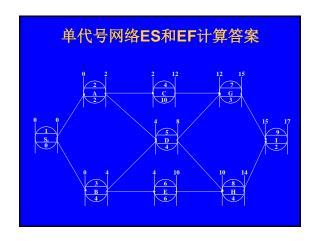


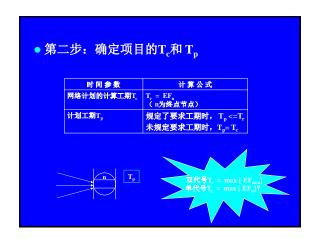


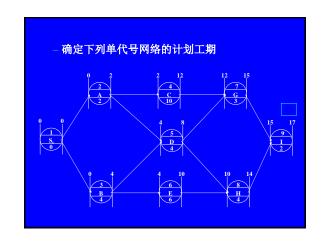


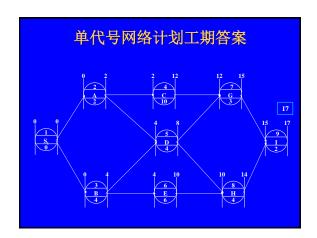




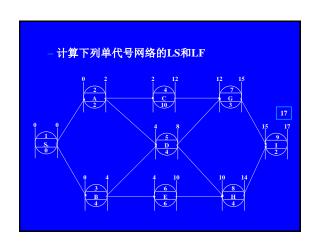


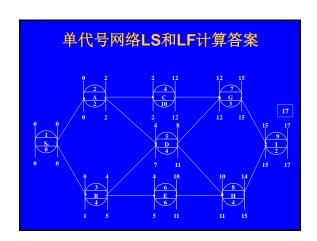


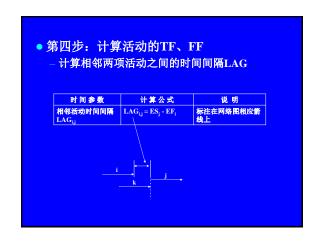


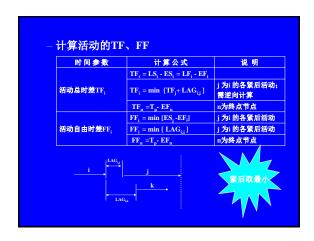


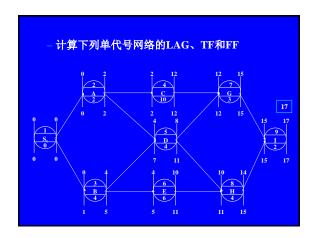


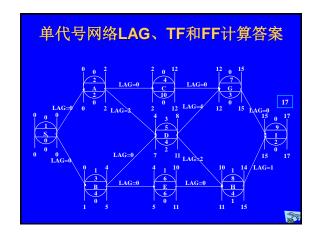






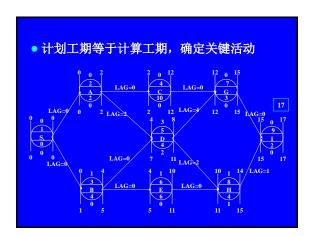


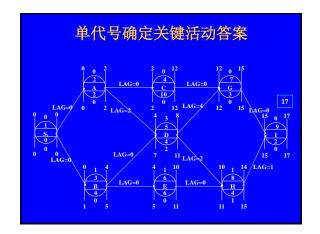




(四)单代号网络的关键活动和关键线 路的确定

- (1) 关键活动的确定
- 关键活动是网络计划中总时差最小的活动
 - 当计划工期等于计算工期时,这个"最小值"为 0
 - 当计划工期大于计算工期时,这个"最小值"为 正
 - 当计划工期小于计算工期时,这个"最小值"为 负





(2) 关键线路的确定

- 从起点节点开始到终点节点均为关键活动, 且所有活动的间隔时间均为零的线路为关键 线路
- 关键活动在网络图中应用粗线或双线或彩色 线标出

