

BIER for DetNet inband OAM

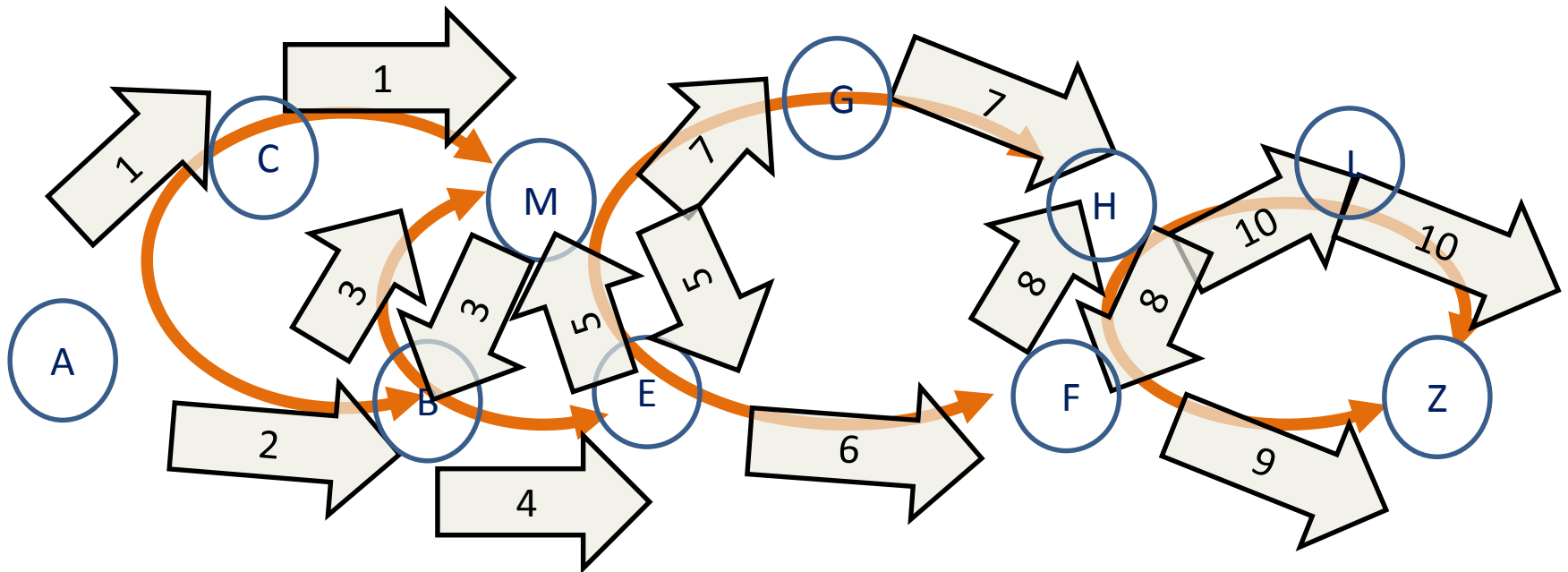
Applicability to replication control
and trace-ability

Bits represent segments

Source sets bits to enable replication

E.g. enabling only the bottom path

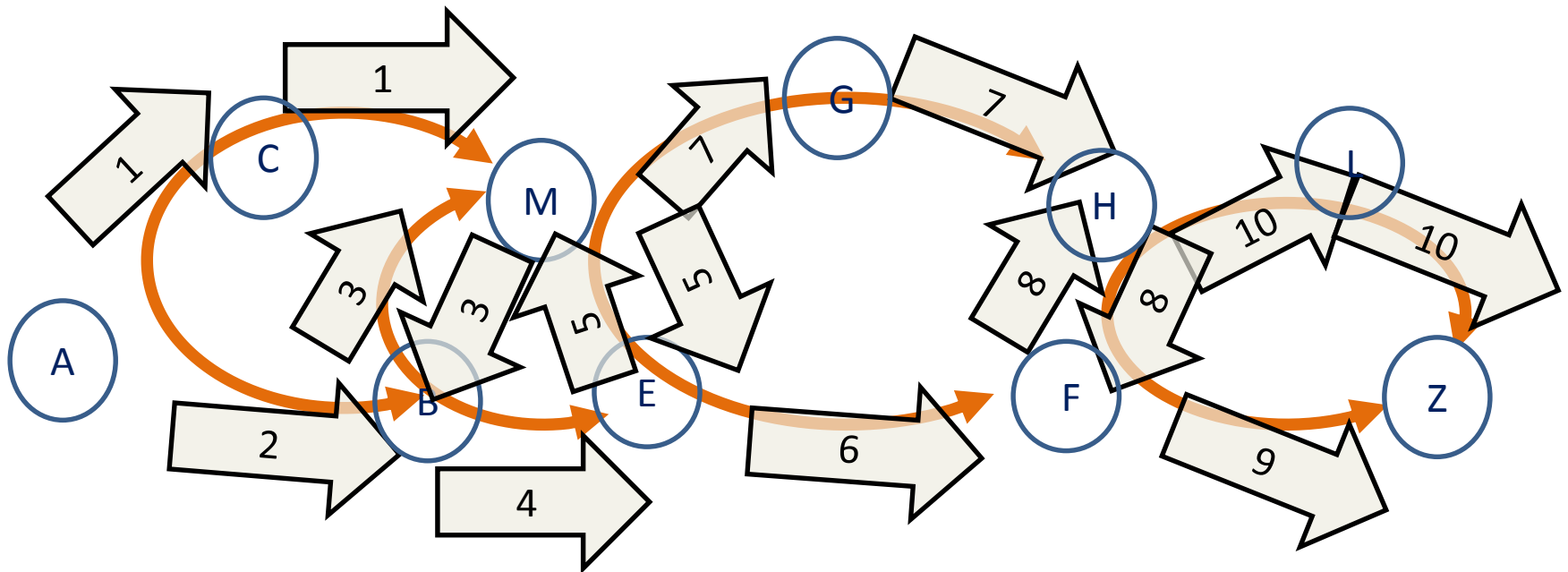
1	2	3	4	5	6	7	8	9	10
0	1	0	1	0	1	0	0	1	0



Example

E.g. enabling the bottom path and the Top path

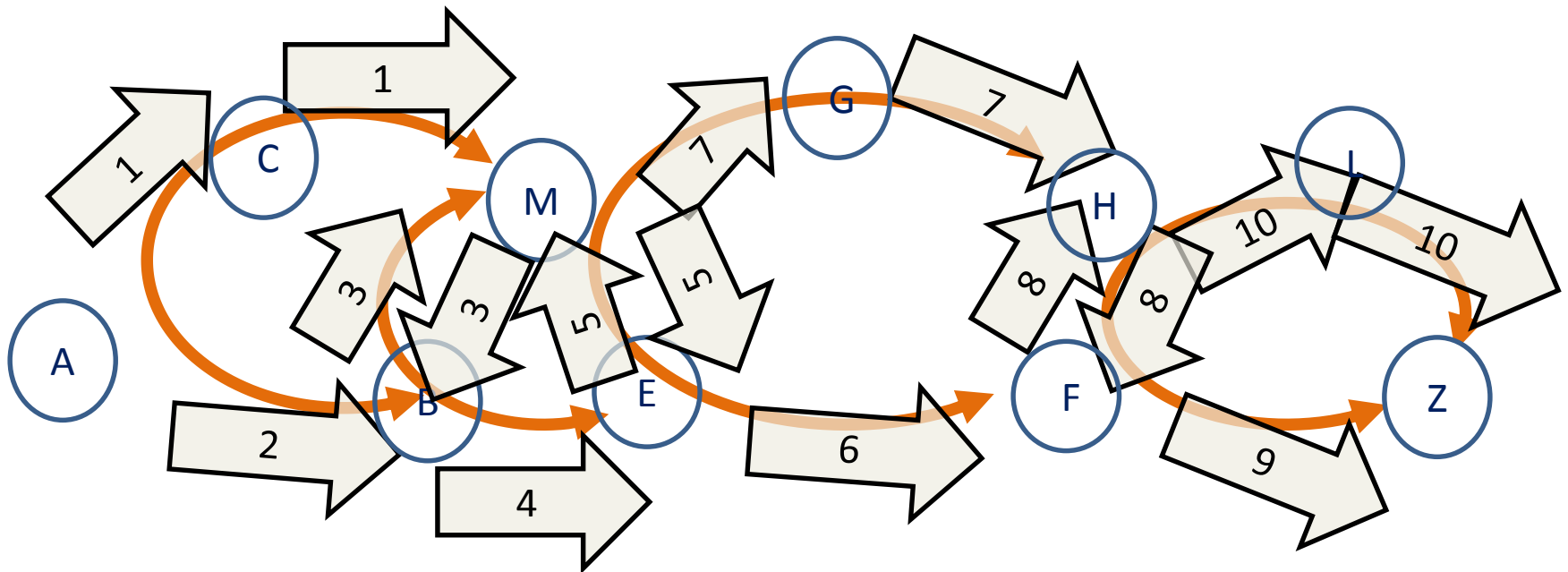
1	2	3	4	5	6	7	8	9	10
1	1	0	1	0	1	1	0	1	1



Another Example

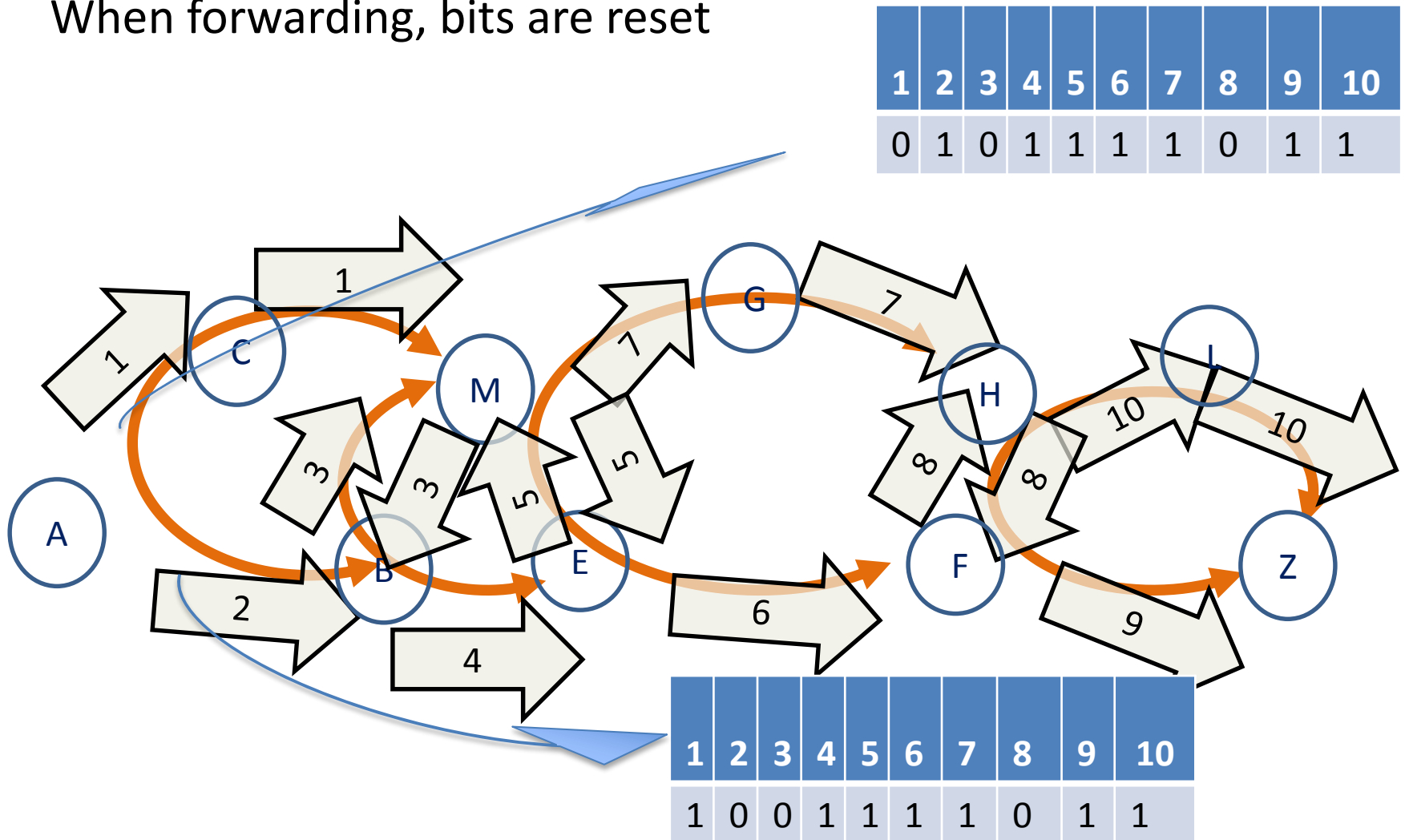
E.g. enabling also one replication at 5

1	2	3	4	5	6	7	8	9	10
1	1	0	1	1	1	1	0	1	1



Resetting for trace ability

When forwarding, bits are reset



Eliminators AND the bits

M receives 5 from E, resets bit
M will not send to E since bit reset

