```
Global invariant GRAPH:

token has value V 

( the last V channels in cycle C were empty ^

the last V processes to receive the token were blue )

actions of T[i] upon receiving a regular message:

color[i] = red;

actions of T[i] upon receiving the token:

if (token == nc)

announce termination and halt;

if (color[i] == red)

{ color[i] = blue; token = 0; }

else

token++;

set j to index of channel for next edge in cycle C;

send ch[j](token);
```

Figure 9.18 Termination detection in a complete graph.

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