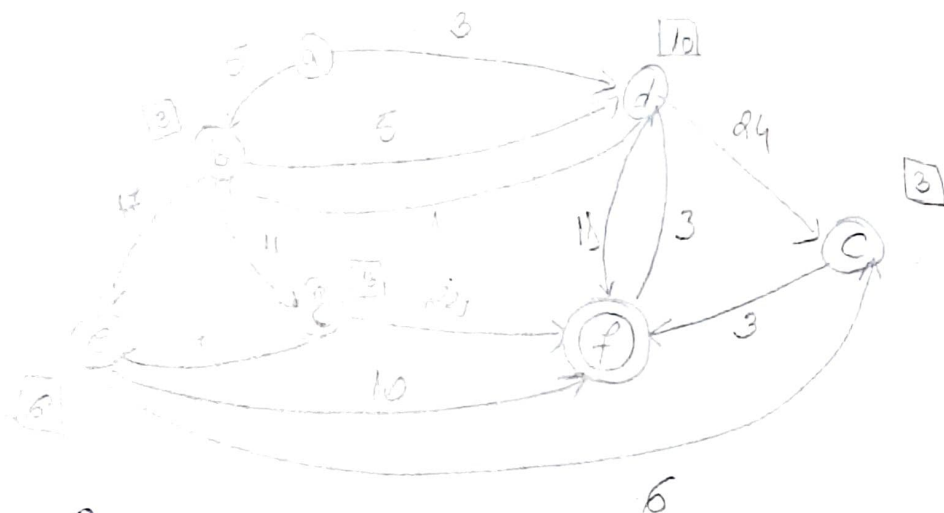


EXERCITIUL 2



- Coadă optim : $[a(drum=a, g:0 h:0 f:0)]$
Coadă closed : $[]$
- Coadă optim : $[b(drum=a \rightarrow b, g:5 h:3 f:8), d(drum=a \rightarrow d, g:3 h:0 f:16)]$
Coadă closed : $[a(drum=a, g:0 h:0 f:0)]$
- Coadă optim : $[d(drum=a \rightarrow d, g:3 h:0 f:13), e(drum=a \rightarrow b \rightarrow e, g:22 h:6 f:28), g(drum=a \rightarrow b \rightarrow g, g:16 h:13 f:29)]$
Coadă closed : $[a(drum=a, g:0 h:0 f:0), b(drum=a \rightarrow b, g:5 h:3 f:8)]$
- Coadă optim : $[b(drum=a \rightarrow d \rightarrow b, g:4 h:3 f:7), f(drum=a \rightarrow d \rightarrow f, g:21 h:0 f:21), e(drum=a \rightarrow b \rightarrow e, g:22 h:6 f:28), g(drum=a \rightarrow b \rightarrow g, g:16 h:13 f:29), c(drum=a \rightarrow d \rightarrow c, g:27 h:3 f:30)]$
- Coadă closed : $[f(drum=a \rightarrow d \rightarrow f, g:21 h:0 f:21), e(drum=a \rightarrow d \rightarrow b \rightarrow e, g:22 h:6 f:28), g(drum=a \rightarrow d \rightarrow b \rightarrow g, g:15 h:13 f:28), c(drum=a \rightarrow d \rightarrow c, g:27 h:3 f:30)]$

Cada clăd: $[a(\text{num} a, g: 0 \ h: 0 \ f: 0), d(\text{num} = a \rightarrow d, g: 3 \ h: 10 \ f: 13), b(\text{num} = a \rightarrow d \rightarrow b, g: 4 \ h: 3 \ f: 7)]$

Soluție: $a \rightarrow d \rightarrow f$

Costul soluției găsite: 21.