

How to make a green board in latex

Viktors Djakonovs

May 31, 2019

Saturs

1. Tabulas paraugs

Saturs

2. No $k\bar{a}$ $s\bar{a}kt$

3. Resultāts

Week 2

$$\square = [\text{job} \cdot \text{time}]$$

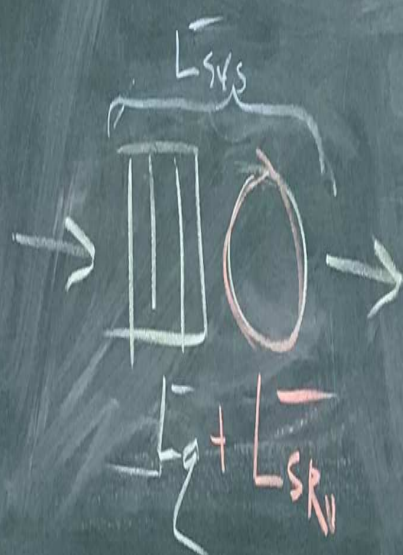
to DO: R course on DataCamp
* HW 1 code on GITHUB



$$3) \frac{6}{5} = L_{sys} \left[\frac{\square}{\text{time}} = \frac{\text{job} \cdot \text{time}}{\text{time}} = \text{job} \right]$$

$$2) \frac{3}{5} = L_{g} \left[\frac{\square}{\text{time}} = \text{job} \right]$$

$$1) \frac{3}{5} = L_{SRV} \left[\frac{\square}{\text{time}} = \text{job} \right]$$



$$L_{sys} = L_g + L_{SRV}$$

D.L. 2019-02-06: 23:55
complete CLAS 3081

2019-02-13 - 14:30
upload HW 1 (using R)



No kā sākt

- Uzrakstīt visus nepieciešamus usepackages

```
\usepackage{tikz}--zīmēšanai  
\usepackage{tabu}--tabulam  
\usepackage{color}--krāsai  
\usepackage{geometry}--lapas parametriem  
\usepackage{amssymb}--matematiskiem simboliem  
\usepackage{latexsym}--matematiskie simboli  
\{multicol}--sadalīt lapu kolonnās  
\usepackage{graphicx}--ielikt bildes  
\usepackage{listings}--lapas numerācija
```

Pirmā kolonna - cods

```
\begin{enumerate}
\item[$ $] To Do:
    \begin{itemize}
        \item R course on DateTaip
        \item HW 1 code in GITHUB
    \end{itemize}
    \item[$ $] D.L 2019-02-06 23:55
    \begin{itemize}
        \item[$.$] compute CLALS JOB:
    \end{itemize}
    \item[$ $]\hspace{20pt}2019-02-13 14:30
    \begin{itemize}
        \item[$.$] upload HW 1 (made using R)\
    \end{itemize}
\begin{tikzpicture}
\draw[thick,->] (0,0) -- (1.5,0) node[anchor=north west] {t};
\draw[thick,->] (0,0) -- (0,1.5) node[anchor=south east] {L};
\end{tikzpicture}
\end{itemize}
\end{enumerate}
```

Pirmā kolonna - rezultāts

To Do:

- R course on DataTaip
- HW 1 code in GITHUB

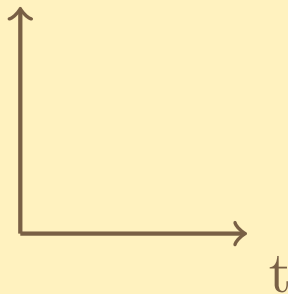
D.L 2019-02-06 23:55

- . compute CLALS JOB:

2019-02-13 14:30

- . upload HW 1 (made using R)

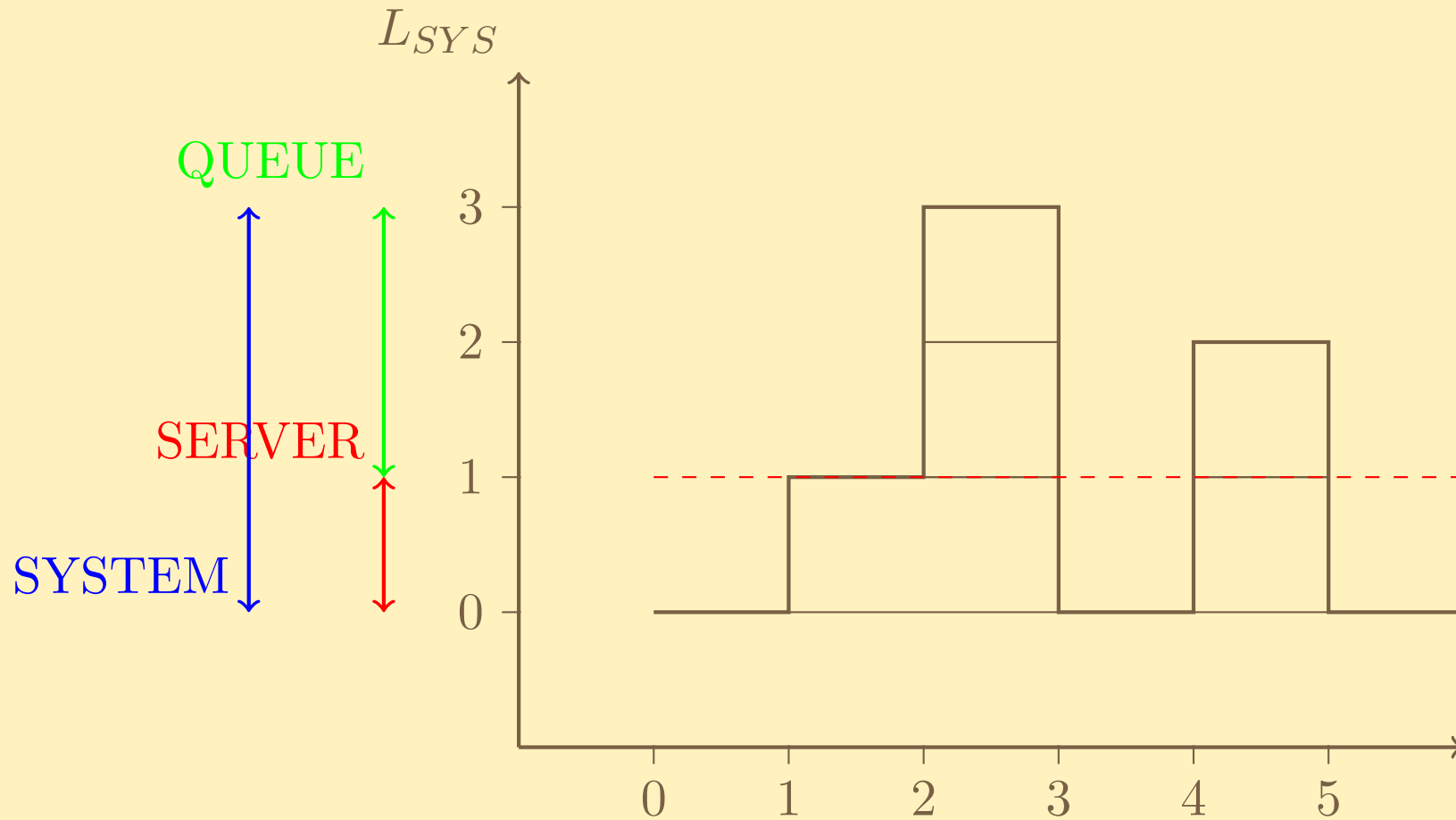
L



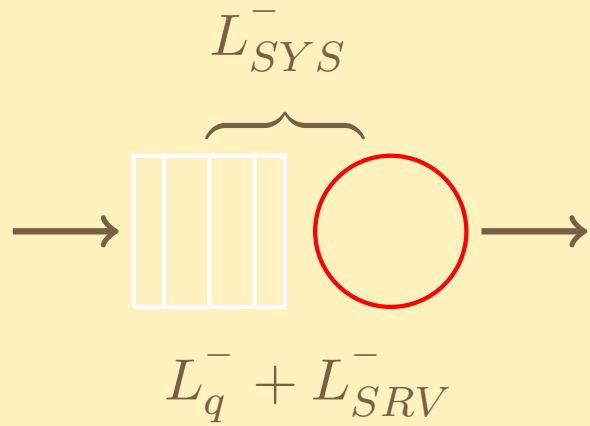
Otrā kolonna - cods

```
[thick,->] (-1,-1) -- (6,-1) node[anchor=north west] ;
[thick,->] (-1,-1) -- (-1,4) node[anchor=south east]
LSYS; (0cm, -28pt) -- (0cm, -32pt) node[anchor=north]
0;(1cm, -28pt) -- (1cm, -32pt) node[anchor=north]
1;(2cm, -28pt) -- (2cm, -32pt) node[anchor=north]
2;(3cm, -28pt) -- (3cm, -32pt) node[anchor=north]
3;(4cm, -28pt) -- (4cm, -32pt) node[anchor=north]
4;(5cm, -28pt) -- (5cm, -32pt) node[anchor=north] 5;
(-28pt,0cm) -- (-32pt,0cm) node[anchor=east] 0;(-28pt,1cm)
-- (-32pt,1cm) node[anchor=east] 1;(-28pt,2cm) --
(-32pt,2cm) node[anchor=east] 2;(-28pt,3cm) -- (-32pt,3cm)
node[anchor=east] 3;
[thick,-](0,0) -- (1,0) -- (1,1) -- (2,1) -- (2,3) --
(3,3) -- (3,1) -- (3,0) -- (4,0) -- (4,2) -- (5,2) --
(5,0) -- (6,0); [pattern=north west lines, pattern
color=red] (1,0) rectangle (3,1); [pattern=north west
lines, pattern color=yellow!50!green] (2,1) rectangle
(3,2); [pattern=north west lines, pattern color=blue]
(4,2) rectangle (5,3); [pattern=north west lines, pattern
```

Otrā kolonna - rezultāts



Otrā kolonna - rezultāts



Trešā kolonna - cods

```
\begin{tabular}{|c|c|c|}  
  \hline  
  3 &  $\frac{6}{5}=L_{\text{SYS}}^{\sim}\Bigl[\frac{\text{Box}\{\text{time}\}}{\text{job}\{\text{time}\}}-\text{job}\Bigr]$  \\  
  2 &  $\frac{3}{5}=L_q^{\sim}\Bigl[\frac{\text{Box}\{\text{time}\}}{\text{job}\{\text{time}\}}\Bigr]$  \\  
  &  $\frac{3}{5}=L_{\text{SRV}}^{\sim}\Bigl[\frac{\text{Box}\{\text{time}\}}{\text{job}\{\text{time}\}}\Bigr]$  \\  
  \hline  
\end{tabular}\end{center}  
  
\begin{center}  
  \begin{tabular}{|c|}  
    \hline  
     $L_{\text{SYS}}=L_q+L_{\text{SRV}}$  \\  
    \hline  
  \end{tabular}  
\end{center}
```

Trešā kolonna - rezultāts

3	$\frac{6}{5} = L_{SYS}^- \left[\frac{\square}{time} = \frac{job.time}{time} - job \right]$
2	$\frac{3}{5} = L_q^- \left[\frac{\square}{time} = job \right]$
1	$\frac{3}{5} = L_{SRV}^- \left[\frac{\square}{time} = job \right]$

$$L_{SYS} = L_q + L_{SRV}$$

Week 2

To Do:

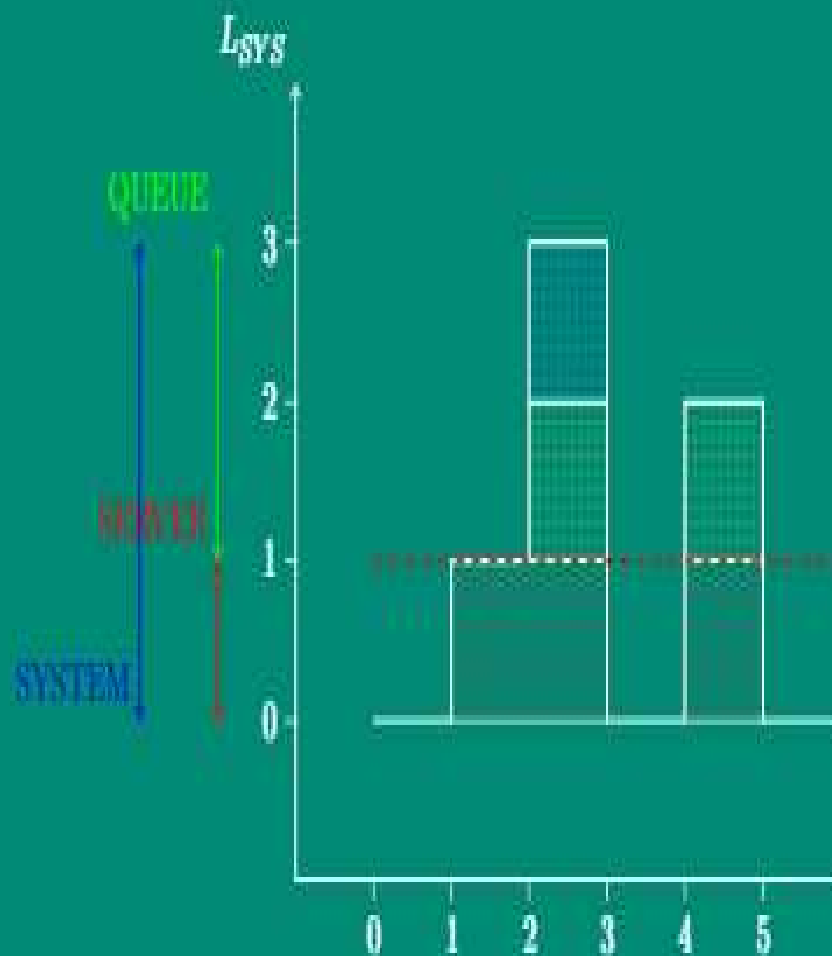
- R course on DataTaip
- HW 1 code in GITHUB

D.L 2019-02-06 23:55

. compute CLALS JOB:

2019-02-13 14:30

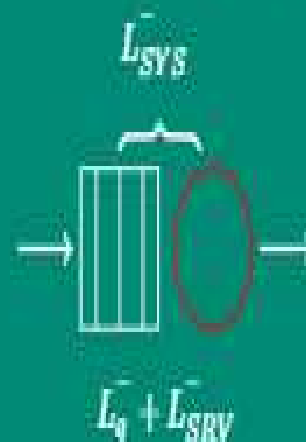
. upload HW 1 (made using R)



$$\bar{Q} = \left[\frac{job.time}{time} \right]$$

3	$\frac{6}{8} = \bar{L}_{sys} \left[\frac{\bar{Q}}{time} = \frac{job.time}{time} - job \right]$
2	$\frac{3}{8} = \bar{L}_q \left[\frac{\bar{Q}}{time} = job \right]$
1	$\frac{1}{8} = \bar{L}_{srv} \left[\frac{\bar{Q}}{time} = job \right]$

$$\bar{L}_{sys} = \bar{L}_q + \bar{L}_{srv}$$



Paldies par uzmanību!

:)

$$P_l^m(x) = \frac{1}{2^l * (l!)} * (1 - x^2)^{m/2} \sum_{r=m}^l \frac{(l+m)!}{r!(l+m-r)!} \frac{l!(x+1)^{l-r}}{(l-r)!} \frac{l!(x-1)^{r-m}}{(r-m)!} =$$
$$(-1)^{m/2} \frac{l!(l+m)!}{2^l} \sum_{r=m}^l \frac{(x+1)^{l-r+\frac{m}{2}} (x-1)^{r-\frac{m}{2}}}{r!(l+m-r)!(l-r)!(r-m)!}.$$