The texpower Package seminar Demo

Stephan Lehmke
mailto:Stephan.Lehmke@cs.uni-dortmund.de

March 11, 2004

1. A list environment
2. An aligned equation
3. An array
4. A picture

A list environment

A list environment

foo.

A list environment

foo. bar.

A list environment

foo. bar.

baz.

A list environment

foo. bar.

baz. qux.

An aligned equation

An aligned equation

$$\sum_{i=1}^{n} i \tag{1}$$

(2)

(3)

(4)

An aligned equation

$$\sum_{i=1}^{n} i \quad = \quad 1+2+\cdots+(n-1)+n \tag{1}$$

(2)

(3)

(4)

An aligned equation

$$\sum_{i=1}^{n} i = 1 + 2 + \cdots + (n-1) + n \tag{1}$$

$$= 1 + n + 2 + (n-1) + \cdots \tag{2}$$

(3)

(4)

An aligned equation

$$\begin{aligned}
\sum_{i=1}^{n} i &= 1 + 2 + \cdots + (n-1) + n && (1)\\
&= 1 + n + 2 + (n-1) + \cdots && (2)\\
&= (1+n) + \cdots + (1+n) && (3)\\
& && (4)
\end{aligned}$$

An aligned equation

$$\begin{aligned}
\sum_{i=1}^{n} i &= 1 + 2 + \cdots + (n-1) + n && (1)\\
&= 1 + n + 2 + (n-1) + \cdots && (2)\\
&= \underbrace{(1+n) + \cdots + (1+n)}_{\times \frac{n}{2}} && (3)\\
& && (4)
\end{aligned}$$

An aligned equation

$$
\begin{aligned}
\sum_{i=1}^{n} i &= 1 + 2 + \cdots + (n-1) + n && (1)\\
&= 1 + n + 2 + (n-1) + \cdots && (2)\\
&= \underbrace{(1+n) + \cdots + (1+n)}_{\times \frac{n}{2}} && (3)\\
&= \underline{\qquad (1+n) \qquad} && (4)
\end{aligned}
$$

An aligned equation

$$
\begin{aligned}
\sum_{i=1}^{n} i &= 1 + 2 + \cdots + (n-1) + n && (1)\\
&= 1 + n + 2 + (n-1) + \cdots && (2)\\
&= \underbrace{(1+n) + \cdots + (1+n)}_{\times \frac{n}{2}} && (3)\\
&= \frac{(1+n)\cdot n}{2} && (4)
\end{aligned}
$$

An array

An array

n	$\log n$	$n \log n$	n^2	2^n

An array

n	$\log n$	$n \log n$	n^2	2^n
0				

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—			

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—		

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1				

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0			

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0		

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2				

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1			

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1	2		

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1	2	4	

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1	2	4	4

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1	2	4	4
3				

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1	2	4	4
3	1.6			

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1	2	4	4
3	1.6	4.8		

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1	2	4	4
3	1.6	4.8	9	

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1	2	4	4
3	1.6	4.8	9	8

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1	2	4	4
3	1.6	4.8	9	8
4				

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1	2	4	4
3	1.6	4.8	9	8
4	2			

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1	2	4	4
3	1.6	4.8	9	8
4	2	8		

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1	2	4	4
3	1.6	4.8	9	8
4	2	8	16	

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1	2	4	4
3	1.6	4.8	9	8
4	2	8	16	16

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1	2	4	4
3	1.6	4.8	9	8
4	2	8	16	16
5				

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1	2	4	4
3	1.6	4.8	9	8
4	2	8	16	16
5	2.3			

An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1	2	4	4
3	1.6	4.8	9	8
4	2	8	16	16
5	2.3	11.6		

An array

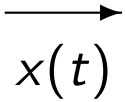
n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1	2	4	4
3	1.6	4.8	9	8
4	2	8	16	16
5	2.3	11.6	25	

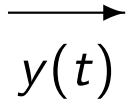
An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—	0	1
1	0	0	1	2
2	1	2	4	4
3	1.6	4.8	9	8
4	2	8	16	16
5	2.3	11.6	25	32

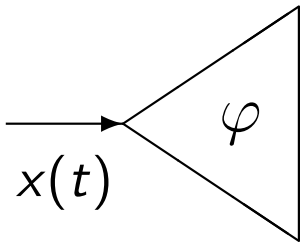
A picture

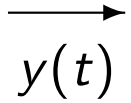
A picture



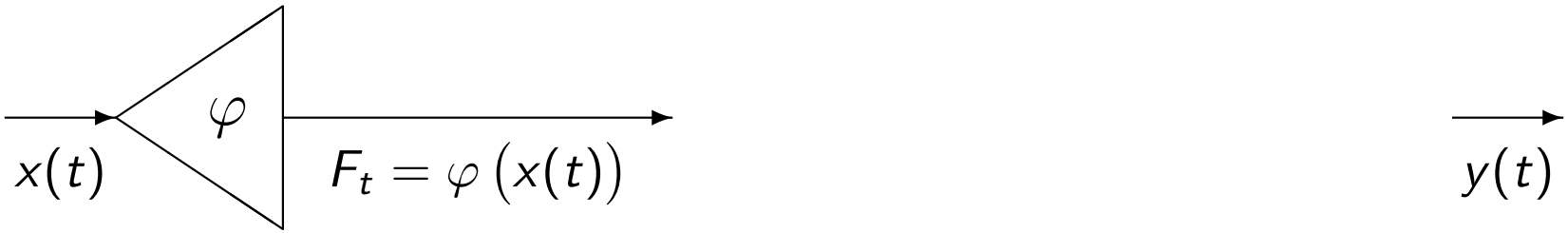


A picture

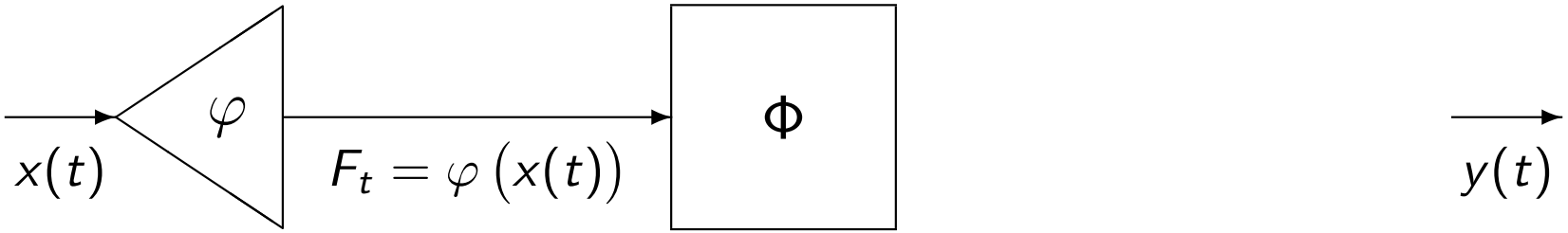




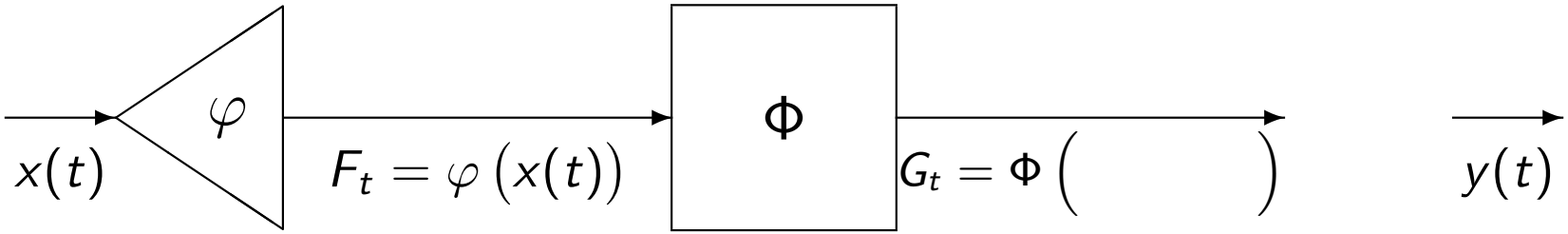
A picture



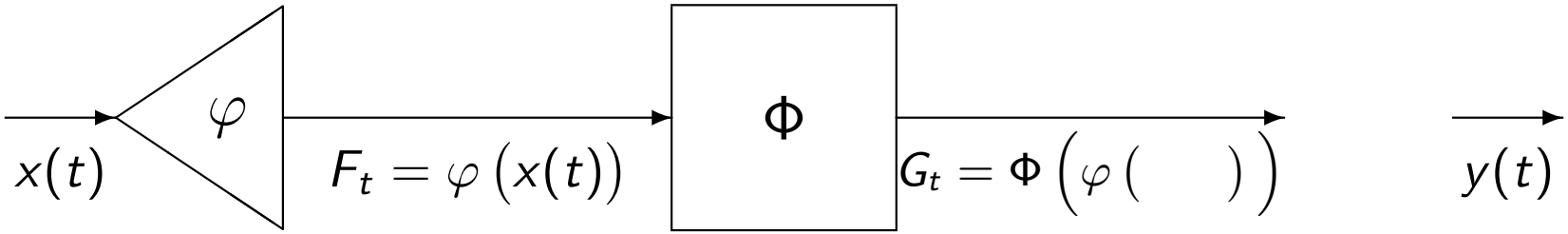
A picture



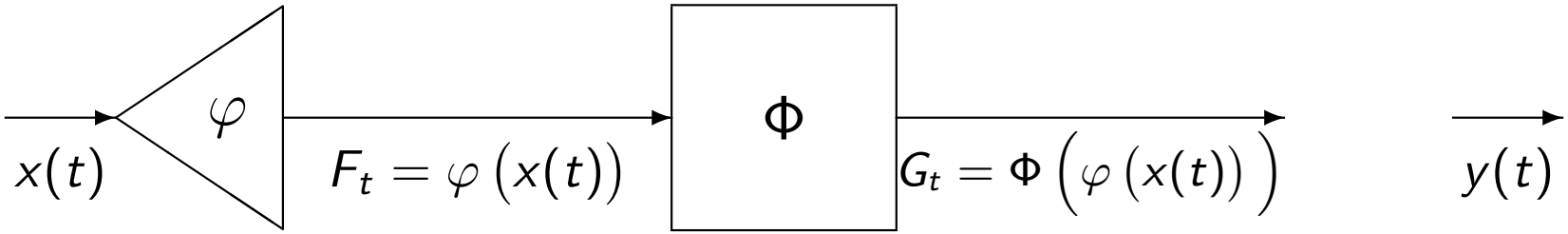
A picture


$x(t)$
φ
$F_t = \varphi\left(x(t)\right)$
Φ
$G_t = \Phi\left(\quad\right)$
$y(t)$

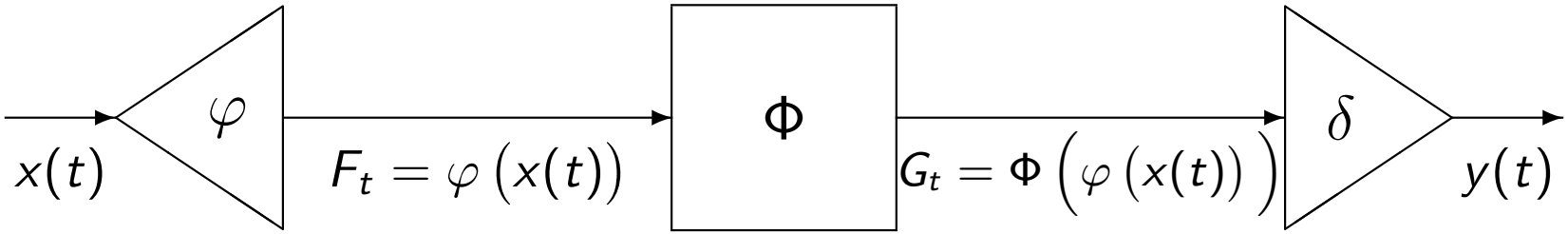
A picture


$x(t)$
φ
$F_t = \varphi\left(x(t)\right)$
Φ
$G_t = \Phi\left(\varphi\left(\quad\right)\right)$
$y(t)$

A picture


$x(t)$
φ
$F_t = \varphi\left(x(t)\right)$
Φ
$G_t = \Phi\left(\varphi\left(x(t)\right)\right)$
$y(t)$

A picture


$x(t)$
φ
$F_t = \varphi\left(x(t)\right)$
Φ
$G_t = \Phi\left(\varphi\left(x(t)\right)\right)$
δ
$y(t)$