

The texpower Package
seminar Demo

Stephan Lehmke

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

August 5, 2004

Contents

1	A list environment	3
2	An aligned equation	5
3	An array	7
4	A picture	8

1 A list environment

1 A list environment

foo.

1 A list environment

foo. bar.

1 A list environment

foo. bar.

baz.

1 A list environment

foo. bar.

baz. qux.

2 An aligned equation

2 An aligned equation

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

(2)

(3)

(4)

2 An aligned equation

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

(2)

(3)

(4)

2 An aligned equation

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

$$= 1 + n + 2 + (n-1) + \cdots \quad (2)$$

$$(3)$$

$$(4)$$

2 An aligned equation

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

$$= 1 + n + 2 + (n-1) + \cdots \quad (2)$$

$$= (1+n) + \cdots + (1+n) \quad (3)$$

$$(4)$$

2 An aligned equation

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

$$= 1 + n + 2 + (n-1) + \cdots \quad (2)$$

$$= \underbrace{(1+n) + \cdots + (1+n)}_{\times \frac{n}{2}} \quad (3)$$

$$(4)$$

2 An aligned equation

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

$$= 1 + n + 2 + (n-1) + \cdots \quad (2)$$

$$= \underbrace{(1+n) + \cdots + (1+n)}_{\times \frac{n}{2}} \quad (3)$$

$$= \underline{(1+n)} \quad (4)$$

2 An aligned equation

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

$$= 1 + n + 2 + (n-1) + \cdots \quad (2)$$

$$= \underbrace{(1+n) + \cdots + (1+n)}_{\times \frac{n}{2}} \quad (3)$$

$$= \frac{(1+n) \cdot n}{2} \quad (4)$$

3 An array

3 An array

$$\frac{n \log n \quad n \log n \quad n^2 \quad 2^n}{}$$

3 An array

$$\frac{n \quad \log n \quad n \log n \quad n^2 \quad 2^n}{0}$$

3 An array

$$\begin{array}{ccccc} n & \log n & n \log n & n^2 & 2^n \\ \hline 0 & \text{---} & & & \end{array}$$

3 An array

$$\begin{array}{ccccc} n & \log n & n \log n & n^2 & 2^n \\ \hline 0 & \text{---} & \text{---} & & \end{array}$$

3 An array

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

3 An array

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

3 An array

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

3 An array

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

3 An array

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

3 An array

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

3 An array

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

3 An array

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

3 An array

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

3 An array

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

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 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				

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			

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		

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	

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

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				

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			

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		

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	

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

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				

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			

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		

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	25	

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	25	32

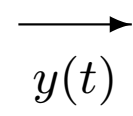
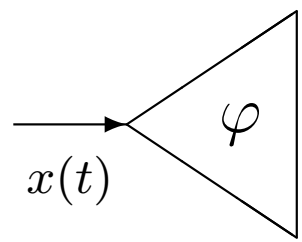
4 A picture

4 A picture

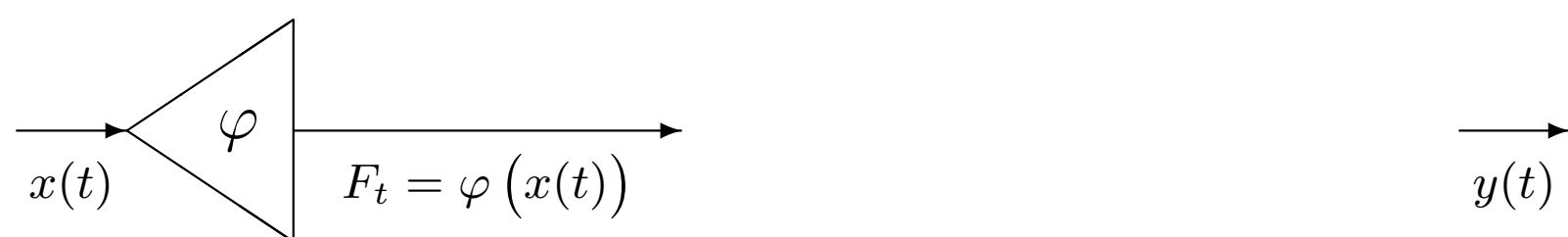
$\overrightarrow{\quad}$
 $x(t)$

$\overrightarrow{\quad}$
 $y(t)$

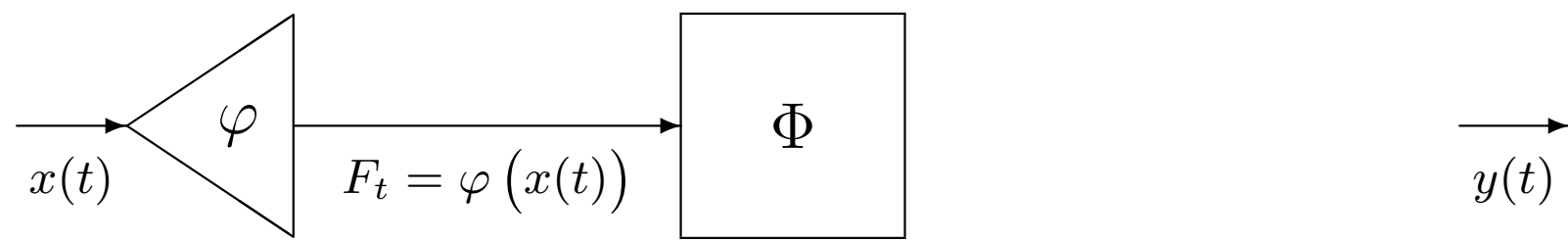
4 A picture



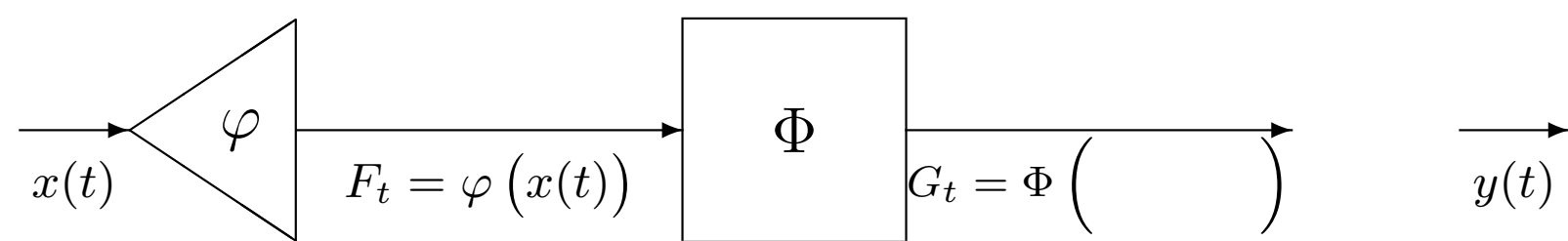
4 A picture



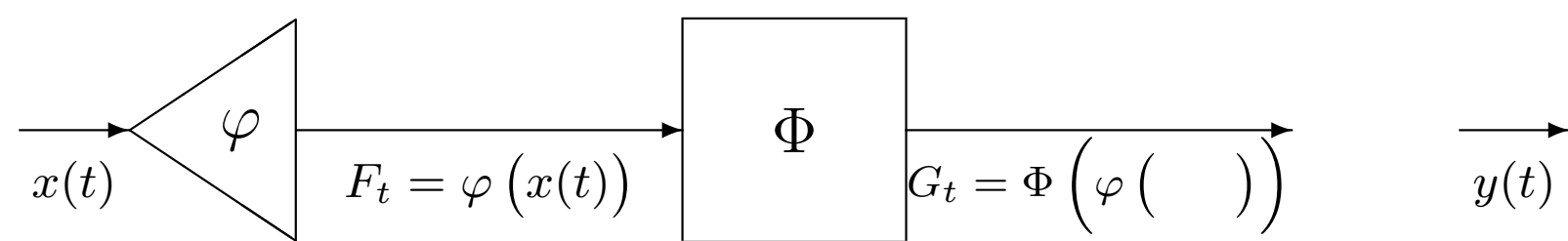
4 A picture



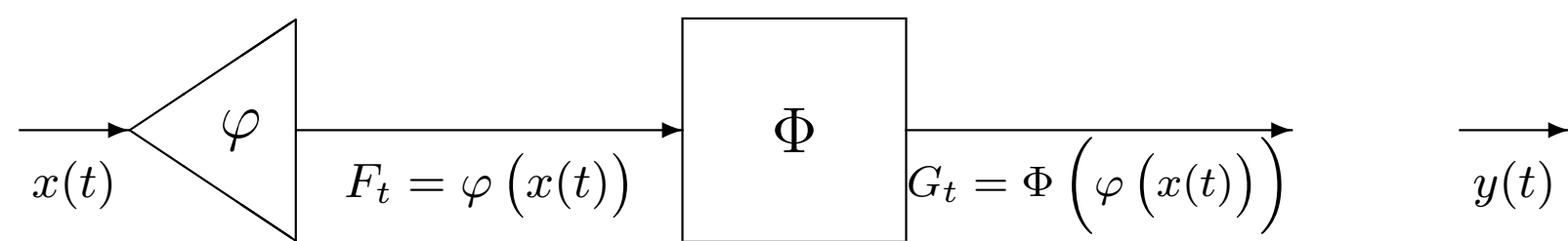
4 A picture



4 A picture



4 A picture



4 A picture

