The texpower Package

Simple incremental demo

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July 22, 2003

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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

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

(2)

(3)

(4)

2 An aligned equation

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

2 An aligned equation

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

2 An aligned equation

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

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\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}
$$

2 An aligned equation

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

3 An array

3 An array

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

3 An array

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

3 An array

n	$\log n$	$n \log n$	n^2	2^n
0	—			

3 An array

n	$\log n$	$n \log n$	n^2	2^n
0	—	—		

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

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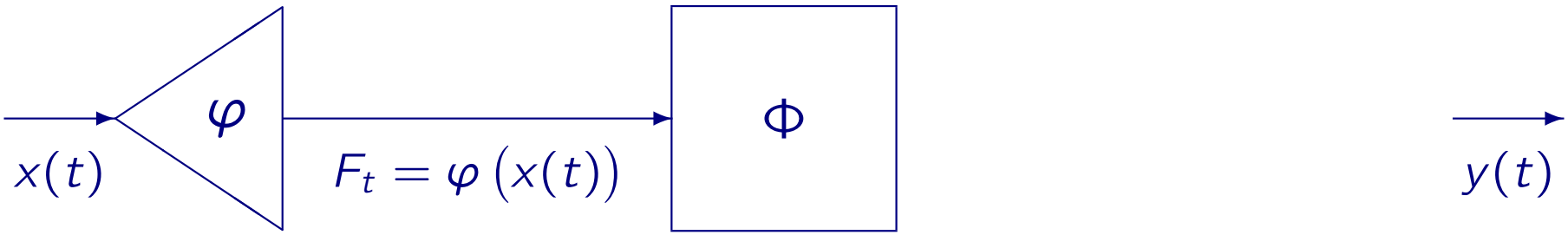
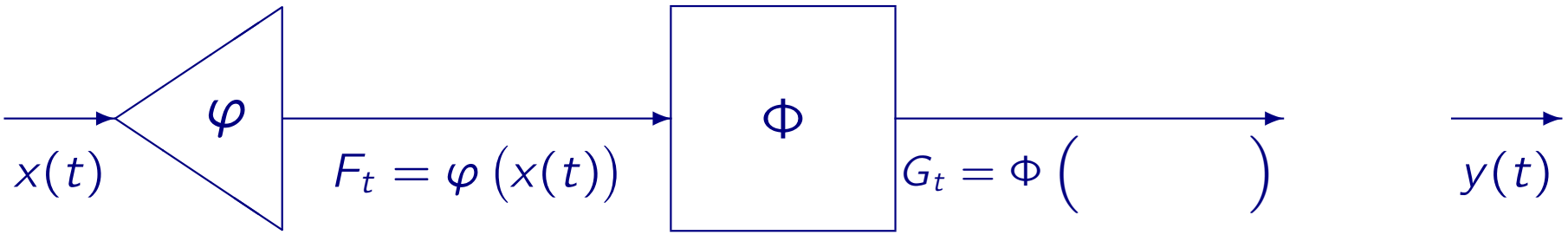
4 A picture

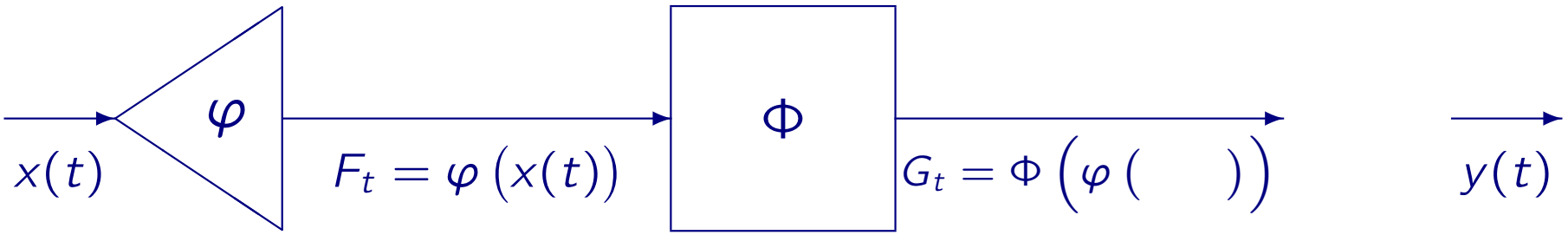
4 A picture



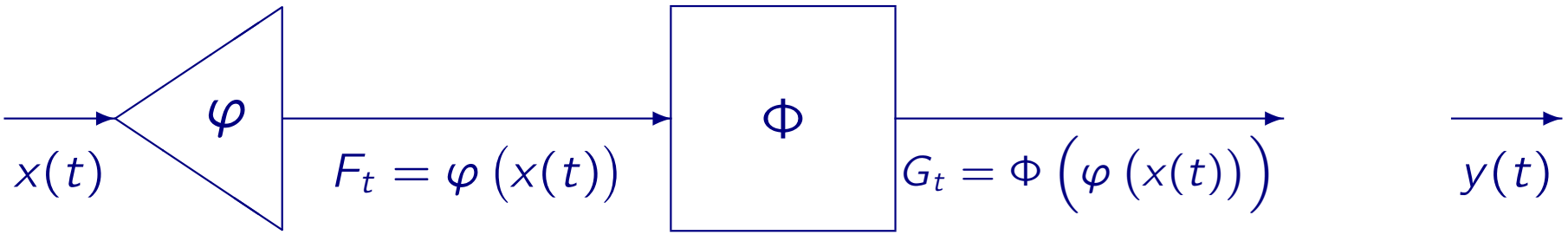
4 A picture


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

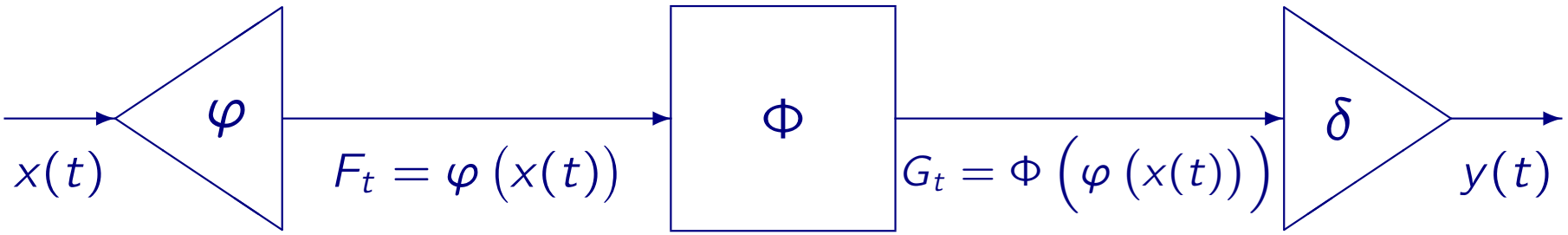
4 A picture


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

4 A picture


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

4 A picture


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