XHATEX Article Template

Ruohong Jiao First Institution

Second Name
Second Institution

Third Name
Third Institution

Fourth Name Fourth Institution

Fifth Name Fifth Institution

Abstract

Your abstract text goes here. Just a few facts. Whet our appetites. Not more than 200 words, if possible, and preferably closer to 150.

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1 section A: Lorem ipsum dolor sit amet, consectetuer adipiscing elit.

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2 Introduction

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3 Background and Thread

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3.1 Backgroud

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3.2 Thread

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Sed commodo posuere pede. Mauris ut est. Ut quis purus. Sed ac odio. Sed vehicula hendrerit sem. Duis non odio. Morbi ut dui. Sed accumsan risus eget odio. In hac habitasse platea dictumst. Pellentesque non elit. Fusce sed justo eu urna porta tincidunt. Mauris felis odio, sollicitudin sed, volutpat a, ornare ac, erat. Morbi quis dolor. Donec pellentesque, erat ac sagittis semper, nunc dui lobortis purus, quis congue purus metus ultricies tellus. Proin et quam. Class aptent taciti

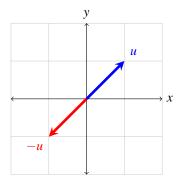


Figure 1: Text size inside figure should be as big as caption's text. Text size inside figure should be as big as caption's text. Text size inside figure should be as big as caption's text. Text size inside figure should be as big as caption's text. Text size inside figure should be as big as caption's text.

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4 Footnotes, Verbatim, and Citations

Footnotes should be places after punctuation characters, without any spaces between said characters and footnotes, like so.¹ And some embedded literal code may look as follows.

```
int main(int argc, char *argv[])
{
    return 0;
}
```

Now we're going to cite somebody. Watch for the cite tag. Here it comes. Arpachi-Dusseau and Arpachi-Dusseau co-authored an excellent OS book, which is also really funny [1], and Waldspurger got into the SIGOPS hall-of-fame due to his seminal paper about resource management in the ESX hypervisor [2].

The tilde character (~) in the tex source means a non-breaking space. This way, your reference will always be attached to the word that preceded it, instead of going to the next line.

And the 'cite' package sorts your citations by their numerical order of the corresponding references at the end of the paper, ridding you from the need to notice that, e.g, "Waldspurger" appears after "Arpachi-Dusseau" when sorting references alphabetically [1,2].

It'd be nice and thoughtful of you to include a suitable link in each and every bibtex entry that you use in your submission, to allow reviewers (and other readers) to easily get to the cited work, as is done in all entries found in the References section of this document.

Now we're going take a look at Section 5, but not before observing that refs to sections and citations and such are colored and clickable in the PDF because of the packages we've included.

5 Floating Figures and Lists

Here's a typical reference to a floating figure: Figure 1. Floats should usually be placed where latex wants then. Figure 1 is centered, and has a caption that instructs you to make sure that the size of the text within the figures that you use is as big as (or bigger than) the size of the text in the caption of the figures. Please do. Really.

In our case, we've explicitly drawn the figure inlined in latex, to allow this tex file to cleanly compile. But usually, your figures will reside in some file.pdf, and you'd include them in your document with, say, \includegraphics.

Lists are sometimes quite handy. If you want to itemize things, feel free:

fread a function that reads from a **stream** into the array **ptr** at most **nobj** objects of size **size**, returning returns the number of objects read.

Fred a person's name, e.g., there once was a dude named Fred who separated usenix.sty from this file to allow for easy inclusion.

The noindent at the start of this paragraph in its tex version makes it clear that it's a continuation of the preceding paragraph, as opposed to a new paragraph in its own right.

¹Remember that USENIX format stopped using endnotes and is now using regular footnotes.

5.1 LaTeX-ing Your TeX File

People often use pdflatex these days for creating pdf-s from tex files via the shell. And bibtex, of course. Works for us.

Acknowledgments

The USENIX latex style is old and very tired, which is why there's no \acks command for you to use when acknowledging. Sorry.

Availability

USENIX program committees give extra points to submissions that are backed by artifacts that are publicly available. If you made your code or data available, it's worth mentioning this fact in a dedicated section.

6 section B: long section title name for text, toc and header

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7 System Overview

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8 Latex Commands Examples

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9 test for mdframed

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In any right triangle, the area of the square whose side is the hypotenuse is equal to the sum of the areas of the squares whose sides are the two legs.

In any right triangle, the area of the square whose side is the hypotenuse is equal to the sum of the areas of the squares whose sides are the two legs.

An inhomogeneous linear differential equation has the form

$$L[v] = f, (1)$$

where L is a linear differential operator, v is the dependent variable, and f is a given non–zero function of the independent variables alone.

Table 1: caption infomation.

System	Nodes	IPC	ROS-IF	ROS-N	SITL	Lic.
PX4	yes	yes	yes	yes	ROS	BSD
OpenPilot	yes	yes	no	no	no	GPL
APM	no	no	yes	no	yes	GPL
PPZ	no	no	yes	no	yes	GPL
MultiWii	no	no	yes	no	no	GPL



Figure 2: caption infomation.



Figure 3: caption infomation.



Figure 4: caption infomation.

Inhomogeneous linear

An inhomogeneous linear differential equation has the form

$$L[v] = f, (2)$$

where L is a linear differential operator, v is the dependent variable, and f is a given non-zero function of the independent variables alone.

Inhomogeneous linear

An inhomogeneous linear differential equation has the form

$$L[v] = f, (3)$$

where L is a linear differential operator, v is the dependent variable, and f is a given non-zero function of the independent variables alone.



Definition 1

An inhomogeneous linear differential equation has the form

$$L[v] = f, (4)$$

where L is a linear differential operator, v is the dependent variable, and f is a given non-zero function of the independent variables alone.

Definition 2: Inhomogeneous linear

An inhomogeneous linear differential equation has the form

$$L[v] = f, (5)$$

where L is a linear differential operator, v is the dependent variable, and f is a given non–zero function of the independent variables alone.

A section C

Aliquam lectus. Vivamus leo. Quisque ornare tellus ullamcorper nulla. Mauris porttitor pharetra tortor. Sed fringilla justo sed mauris. Mauris tellus. Sed non leo. Nullam elementum, magna in cursus sodales, augue est scelerisque sapien, venenatis congue nulla arcu et pede. Ut suscipit enim vel sapien. Donec congue. Maecenas urna mi, suscipit in, placerat ut, vestibulum ut, massa. Fusce ultrices nulla et nisl.

B app A

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C Codes

```
import numpy as np
   def incmatrix(genl1,genl2):
       m = len(gen11)
       n = len(gen12)
       M = None #to become the incidence matrix
       VT = np.zeros((n*m,1), int) #dummy variable
       #compute the bitwise xor matrix
       M1 = bitxormatrix(genl1)
10
       M2 = np.triu(bitxormatrix(genl2),1)
12
       for i in range(m-1):
13
           for j in range(i+1, m):
14
                [r,c] = np.where(M2 == M1[i,j])
15
               for k in range(len(r)):
16
                    VT[(i)*n + r[k]] = 1;
                    VT[(i)*n + c[k]] = 1;
18
                    VT[(j)*n + r[k]] = 1;
19
                    VT[(j)*n + c[k]] = 1;
20
```

D Color Palettes

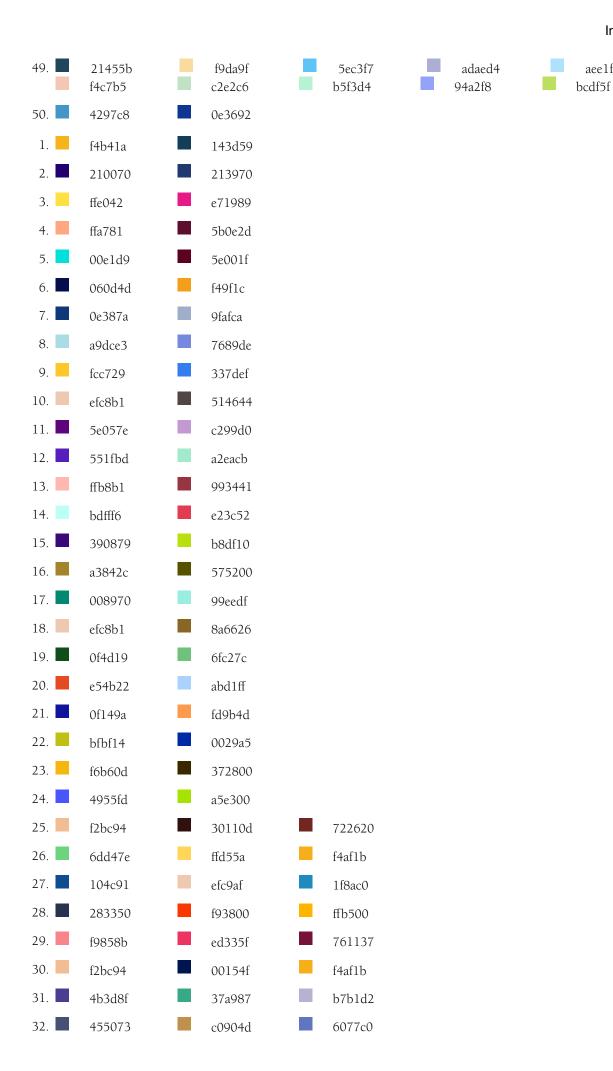




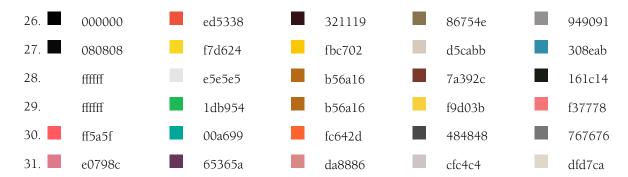
21.	358597	f4a896			
22.	e7d045	a04ef6			
23.	262223	ddc6b6			
24.	f4efea	7d141d	ff1e27		
25.	aa96da	c5fad5	ffffd2		
26.	f7f7f7	006838	96cf24		
27.	234e70	fbf8be			
28.	ffe8f5	8000ff	de00ff		
29.	191919	b88746	fdf5a6		
30.	cc313d	f7c5cc			
31.	e2d3f4	013dc4			
32.	533549	f6b042	f9ed4e		
33.	99f443	ec449b			
34.	050505	616161	e6e7e8		
35.	ee4e34	fcedda			
36.	072c50	b88746	fdf5a6		
37.	96351e	dbb98f			
38.	e2d1f9	317773			
1.	344150	4fa9d2	f0dd5d	81bf97	df6756
2.	4a154b	64c3eb	5bb381	e3b34c	ce375c
3.	250c77	ed642b	fffff		
4.	ffe01b	000000			
5.	d8318a	f26c7d	e37439		
6.	4daaa7	3f8f8b	333333		
7.	3d8c95	225675	e6873c		
8.	8fd974	7ac968	5bb462	4ca456	394141
9.	d9302c	ec692d	eaa23f		
10.	fcb711 0db14b	f37021	cc004c	6460aa	0089d0
11.	ff6e0c	f20c90			
12.	83d1c4	78517c	f17950		
13.	0046bf	feef22	ffffff		
14.	f26764	fffff			
15.	687818	ffd58e	3c1605	ffffff	
16.	54afbc	ffb449	fe5c36	434343	



aee1fb



33.	4d3227	ebc999	cd7700		
34.	3d4c41	999999	ебебеб		
35.	cedef0	9d9ad9	6b9bd1		
36.	7b3433	c86797	e9bbba		
37.	ebebde	777764	4f4747		
38.	64395f	c075b7	бсаса0		
39.	388d5d	d6a34a	5a431b		
40.	241f1c	937047	e7dac7		
41.	404040	a0b6f7	f2f261		
42.	1d5c96	7db0de	12395d		
1.	e8ebc2	d4a656	e16e79	364eb9	228fcf
2.	fbf4b5	fff9d4	cla87d	d3a13b	b58d3d
3.	e3dbd8	аба29е	583629	7e4d4e	ef5c4e
4.	bd3b1b	d8a800	b9d870	b6c61a	006344
5.	fale44	fec925	c9e3db	5ab190	00b4eb
6.	ec380b	f05f3b	a5c5c3	429f9e	007872
7.	231f20	ffffff	ffc602	f2c9a0	f2b54a
8.	ee801e	e75b10	000000	d6d1ce	e3e0dd
9.	cb534f	c48f22	53a586	4faed9	6d78bf
10.	ffcele	0086ff	f2f3f2	feb607	1592d8
11.	2b3990	c49a6c	f2f3f2	374396	5970af
12.	b0d5d0	6fc0ab	ffdee5	e2b1cd	fee8db
13.	84cfcb	ffed90	efe1d4	f6e6e7	f2f7fb
14.	dc4e76	cc4b93	a946be	5c4ae4	35375a
15.	5cd89f	ff5c3e	ffd36e	005d68	545454
16.	88d840	67b826	247209	dad8db	2a351f
17.	e86835	f64e00	cc4201	e0e2ec	b4b3a9
18.	ff5851	f3c130	414a6b	1c1b20	b49a85
19.	f76c6c	f99797	23305e	a8d0e6	39424e
20.	007ee5	ffffff	7b8994	47525d	3d464d
21.	3cba54	f4c20d	db3236	4885ed	bdbdbd
22.	161626	3b3a4a	1ebad6	c0c0c8	f2f2f4
23.	080501	d48b00	dba401	efd319	dddcdd
24.	3ae8b0	19afd0	6967ce	ffb900	fd636b
25.	808083	79c141	addfe9	891d02	46aa42



References

- [1] Remzi H. Arpaci-Dusseau and Arpaci-Dusseau Andrea C. <u>Operating Systems: Three Easy Pieces</u>. Arpaci-Dusseau Books, LLC, 1.00 edition, 2015. http://pages.cs.wisc.edu/~remzi/OSTEP/.
- [2] Carl A. Waldspurger. Memory resource management in VMware ESX server. In <u>USENIX Symposium on Operating System Design and Implementation (OSDI)</u>, pages 181–194, 2002. https://www.usenix.org/legacy/event/osdi02/tech/waldspurger/waldspurger.pdf.