

Title

Author* Author2[†]
email1 email2

Contents

1	Essential	1
2	Other CO ₂	2
3	Bibliography	5

1 Essential

`\todo`

$$\binom{n}{k} = \frac{n!}{k!(n-k)!} \tag{1}$$

$$= \frac{1}{2\pi i} \oint_{\Gamma} \frac{(1+z)^n}{z^{k+1}} dz \tag{2}$$

Table 1: Caption

A	B*
a	b
c	d
e	f
g	h

TensorFlow[†] (Abadi et al., 2016), Abadi et al. (2016).
Section 1 on a page 1, table 1, figure 1, equations (1) and (2).

*thanks

[†]thanks

*footnotemark–footnotetext

[†]footnote

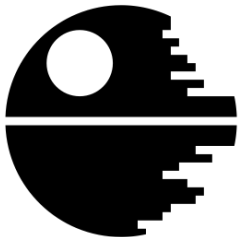


Figure 1: Caption

2 Other CO₂

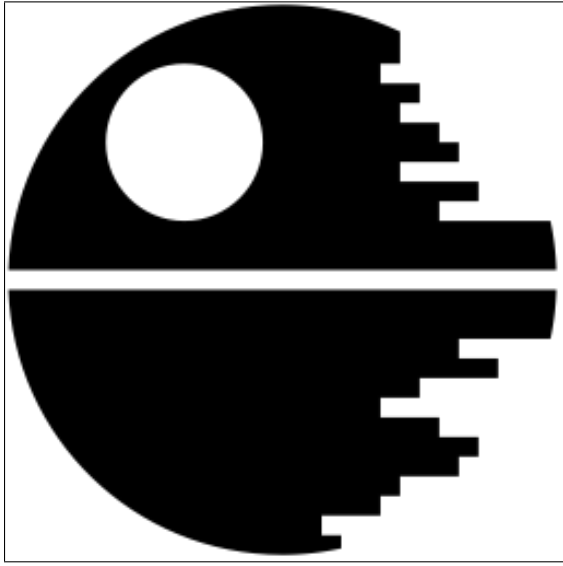
Subfigures

Proof

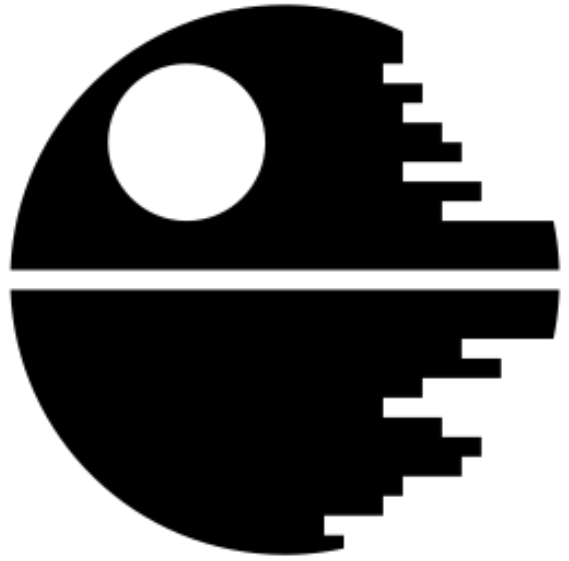
The proof is easy and is left to a reader. □

Test math

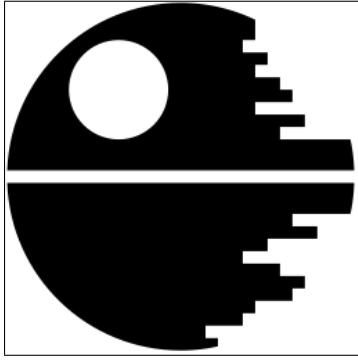
$$\begin{array}{c} \left\langle \frac{\Psi}{1} \middle| \middle| \frac{\Psi}{1} \right\rangle \left\langle \frac{\Psi}{1} \middle| \frac{\Psi}{1} \right\rangle \left\langle n \middle| \prod_k U_k \middle| \frac{x}{1} \right\rangle \left\langle n \middle| \prod_k U_k \middle| \frac{x}{1} \right\rangle \\ \text{Normal}(\mathbf{x} \mid \mu, \sigma^2) \\ \text{Normal}(\mathbf{x} \mid \mu, \sigma^2) \\ \text{Normal}(\mathbf{x} \mid \mu, \sigma^2) \\ \mathcal{N}(\mathbf{x} \mid \mu, \sigma^2) \\ \sum_{n=-\infty}^{+\infty} f(x) \geqslant \geqslant \geq \text{med } X \\ \varepsilon + \mathrm{e}^{-\frac{(x-2)^2}{2\sigma^2}} + \text{const} \\ \dot{a}\varepsilon\phi\varphi \\ \not\propto \not\subset \not\subseteq \not\in \\ \equiv \doteq \approx \subset \supset \ni \parallel \neq \\ \text{Tr } A = \text{tr } A = \text{var } X = \text{KL}(P \parallel Q) = D_{\text{KL}}(P \parallel Q) \\ \star * \circ \bullet \oplus \otimes \odot \dagger \ddagger \S \\ \oplus \otimes \odot \cup \cap \\ \leftarrow \leftarrow \rightarrow \rightarrow \mapsto \leftrightsquigarrow \rightleftharpoons \Longleftrightarrow \overrightarrow{AB} \rightrightarrows \\ \Box \square \{ \} \langle \rangle \parallel \text{I} \text{I} \text{I} \text{I} \text{I} \text{I} \text{I} \text{I} \text{I} \\ \ell \emptyset \operatorname{Re} \operatorname{Im} \perp \top \angle \square \\ \sim \approx \simeq \propto \doteq \dot{=} \\ \hbar \square \blacksquare \star \emptyset \end{array}$$



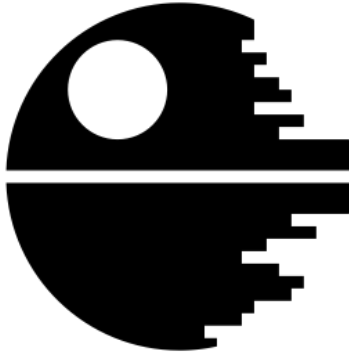
(a) Caption 1



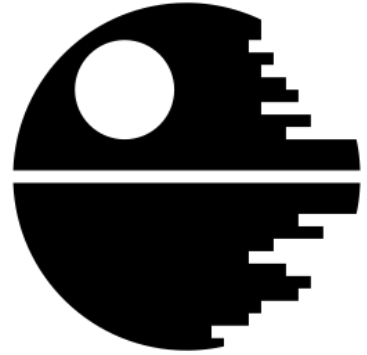
(b) Caption 2



(c) Caption 3



(d) Caption 4



(e) Caption 5

Figure 2: The caption. *Top*: top. *Bottom*: bottom.

$$\left\| \begin{pmatrix} 1 & 2 \\ 3 & 4 \end{pmatrix} \right\| = \left| \oint_A^B f(z) \, dz \right| = \frac{du}{dx} = \mathcal{F}\mathfrak{F} = \frac{\sum a_{ij}}{\sum b_i \mathfrak{big} \, \text{long thing}} = \sum a_k \quad (3)$$

$$= \frac{\mathbb{P}\left\{\frac{X}{\mathbb{E}X} \leqslant \varepsilon\right\}}{\Pr\left\{\text{Poisson}(\lambda=3) > 5\right\}} = \frac{\partial}{\partial x} \cdot \frac{\partial f}{\partial x} \cdot \frac{\partial^2 f}{\partial x^2} = \frac{\partial}{\partial x} \frac{x^2+1}{x^3+1} \Big|_{x=0} = \frac{\mathrm{d}}{\mathrm{d}x} \frac{x^2+1}{x^3+1} \Big|_{x=0} \quad (4)$$

$$\overline{a} \ A \overset{*}{\approx} B \quad \sum_{\substack{0 \leq i < n \\ j \neq i}} f(i) \quad \sqrt[3]{P(x)+Q(x)} \quad \frac{3}{8} \frac{3}{8} \frac{3}{8} \frac{3}{8} \quad x=x \quad x=x \quad (5)$$

Math fonts

ABCDEFabcdef	(mathrm)
ABCDEFabcdef	(mathbf)
ABCDEFabcdef	(mathsf)
ABCDEFabcdef	(mathhtt)
<i>ABCDEFabcdef</i>	(mathit)
$\mathcal{ABCDEF}\neg\sqcup\sqcap\{$	(mathcal)
$\mathcal{ABCDEF}abcdef$	(mathnormal)
<i>ABCabcΓΩΞγωξ</i>	(boldsymbol)
$\mathcal{A}\mathcal{B}\mathcal{C}\mathcal{D}\mathcal{E}\mathcal{F}$	(mathscr)
$\mathfrak{A}\mathfrak{B}\mathfrak{C}\mathfrak{D}\mathfrak{E}\mathfrak{F}abcdef$	(mathfrak)
ABCDEF\O\U\K\#/\Z\A	(mathbb)
ABCDEFabcdef12	(mathbbm)

Text fonts

ABCDEFabcdef ABCDEFabcdef ABCDEFabcdef

ABCDEFabcdef **ABCDEFabcdef**

ABCDEFabcdef *ABCDEFabcdef* *ABCDEFabcdef* ABCDEFABCDEF

ABCDEFabcdef *ABCDEFabcdef*

General formatting

- | | | |
|------------|---|---|
| • x | y | z |
| • “quote” | | |
| • Ph. D. | | |
| • Ph. D. | | |
| • Ph. D. | | |
| • A. B | | |
| • A. B | | |
| • yo␣wazup | | |

3 Bibliography

Abadi, M., Barham, P., Chen, J., Chen, Z., Davis, A., Dean, J., ... Zheng, X. (2016). Tensorflow: A system for large-scale machine learning. In *12th USENIX symposium on operating systems design and implementation (OSDI 16)* (pp. 265–283). Savannah, GA: USENIX Association. Retrieved from <https://www.usenix.org/conference/osdi16/technical-sessions/presentation/abadi>