

How to write in orgm-ode and export to pdf  
simple template

Gene Ting-Chun Kao

2019-06-14

Section title

This is a placeholder for writing contents

Image

This is an how we can refer to an image, see figure 1.



Figure 1: Leopard icon

Table

Author	Email	Institution-ID
Gene Ting-Chun Kao	your.email@email.edu	1
Your name		2
another name		3

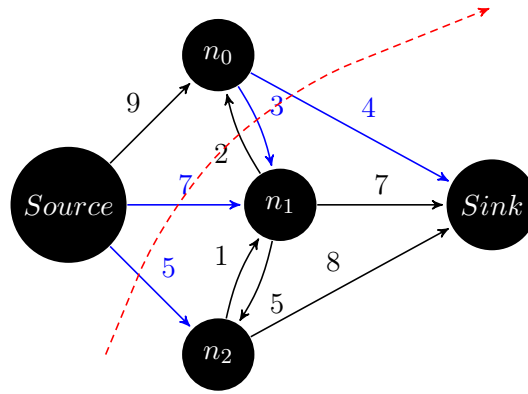
## Section title

Mathematics in latex

$$f(x) = s_0 = \frac{\sum_i n_i^T (x - x_i) \Phi_i(x)}{\sum_i \Phi_i(x)} \quad (1)$$

## Graph

Figure 2: Max flow min cut, max flow = 19



## Algorithm

---

**Algorithm 1** How to write algorithms

---

**Data:** Initial bounding-box  $Q_0$  for  $\Theta$ ,  $QBest = Q_0$ ,  $delta = 3$ , stack  $\Omega = \{Q_0\}$

**Result:** Optimal  $Q^* = QBest \in \Omega$

**while**  $U_k - L_k > 1$  **do**

*Pop*  $Q_k \in \Omega$

*Prune*  $\Omega$  if current node is impossible solution node

*Compare*  $L_k$  from  $Q_k$  and  $QBest$

**if**  $Q_k.L_k > QBest.L_k$  **then**

        |  $QBest = Q_k$

**end**

*Split*  $Q$  into  $Q_I$  and  $Q_{II}$

*Find best condidate from*  $Q_I$  and  $Q_{II}$  and add them to stack  $\Omega$

**end**

---

## Citation

This is how we can cite paper [1]

## References

- [1] Gene TC Kao et al. “Assembly-aware design of masonry shell structures: a computational approach”. In: *Proceedings of IASS Annual Symposia*. Vol. 2017. 23. International Association for Shell and Spatial Structures (IASS). 2017, pp. 1–10.