### Section title

This is a placeholder for writing contents

#### **Image**

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

```
mygraphviz = import ./graphviz.nix {
  inherit mkDerivation fontconfig libjpeg bzip2;
  gd = customgd;
};
```

Figure 1: Leopard icon

There are other ways of showing sub-images and display sub-captions like using in latex, see figure

```
mygraphviz = import ./graphviz.nix {
  inherit mkDerivation fontconfig libjpeg bzip2;
  gd = customgd;
};
```

Figure 2: figures with captions

#### **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

Check equation 1.

$$f(x) = s_0 = \frac{\sum_{i} n_i^T (x - x_i) \Phi_i(x)}{\sum_{i} \Phi_i(x)}$$

$$\tag{1}$$

```
mygraphviz = import ./graphviz.nix {
   inherit mkDerivation fontconfig libjpeg bzip2;
   gd = customgd;
};

(a) label 1

mygraphviz = import ./graphviz.nix {
   inherit mkDerivation fontconfig libjpeg bzip2;
   gd = customgd;
};

(b) label 2
```

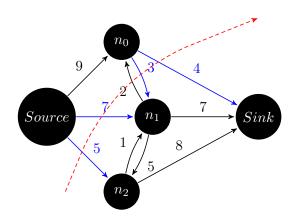
To have a set of equations and to align them:

$$\begin{array}{ll}
\max & \mathbf{c}^T \mathbf{x} \\
s.t. & \mathbf{A} \mathbf{x} \le \mathbf{b} \\
& \mathbf{x} \ge \mathbf{0}
\end{array} \tag{2}$$

### Graph

Check out the graph in figure 3.

Figure 3: 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, \operatorname{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
```

### **Flowchart**

This flowchart in Fig. 4 is modified from this latex code.

### Citation

This is how we can cite paper [?]

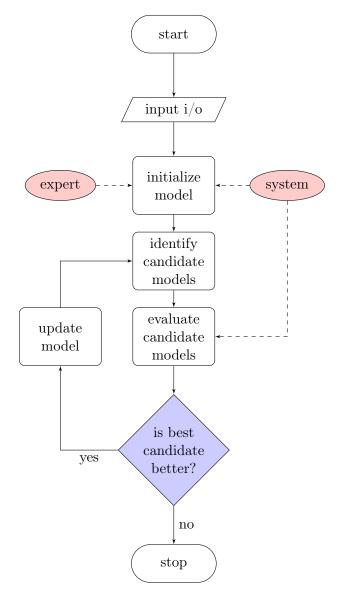


Figure 4: This is my flow chart