| Head | Meta |
| --- | --- |
| Body | Content |

| Head 2 | Meta 2 |
| --- | --- |
| Body 2 | Content 2 |

Table 1: table with two resized, minipage, tabulars

(a)　　　　　　(b)

Figure 1: math array figure

Testing 1a and 1b inside 1.

**Lorem ipsum dolores**   Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Nibh sit amet commodo nulla. Id nibh tortor id aliquet lectus proin nibh. Quam quisque id diam vel quam elementum. Ut porttitor leo a diam sollicitudin tempor id. Pulvinar etiam non quam lacus suspendisse faucibus interdum

---

**Algorithm 1** A Wrapped Algorithm

---

1- mock algorithm with just enough textual content.

2- mock algorithm with just enough textual content.

3- mock algorithm with just enough textual content.

---

posuere lorem. Magnis dis parturient montes nascetur ridiculus mus mauris. Quam nulla porttitor massa id. Mattis ullamcorper velit sed ullamcorper morbi tincidunt ornare massa eget. Fringilla urna porttitor rhoncus dolor. Eget mauris pharetra et ultrices neque ornare aenean. Lorem sed risus ultricies tristique nulla. Nunc lobortis mattis aliquam faucibus purus in massa. Purus ut faucibus pulvinar elementum integer enim neque. Cras sed felis eget velit aliquet sagittis. Odio aenean sed adipiscing diam donec adipiscing. Lacus sed turpis tincidunt id aliquet. Blandit volutpat maecenas volutpat blandit. Donec massa sapien faucibus et molestie. Blandit aliquam etiam erat velit.
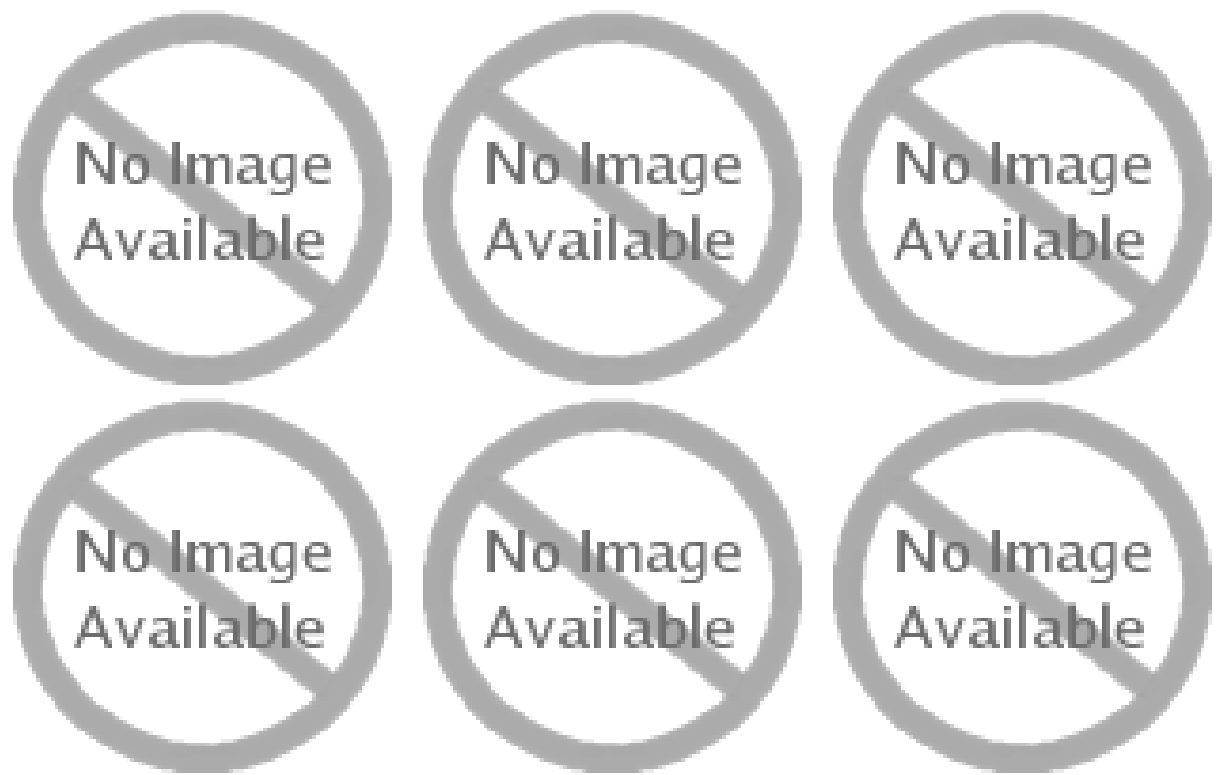
Figure 2: a tabular + resizebox

- post-minipage item 1

- post-minipage item 2

- post-minipage item 3

Figure 3: Two minipages and an itemize

First

Second

Third

listing

- itemize 1

[1].

1. enumerate 1

$\sqrt{x} = 0$

$$E = mc^2$$

Some paragraph text

$$\begin{aligned} A &= B, \\ C &= D, \end{aligned}$$

Quote me later

**Theorem 1.** *mock theorem*

```
some verbatim $#! stuff
```

Figure 4: Highly mixed figure

2.
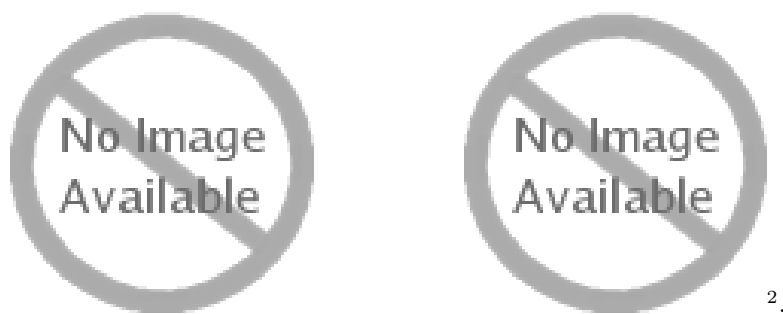
Figure 5: Caption
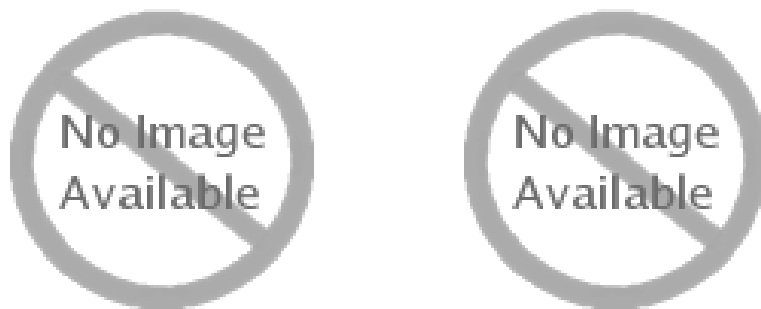
Figure 6: mid-fig caption

Figure 7: leading caption
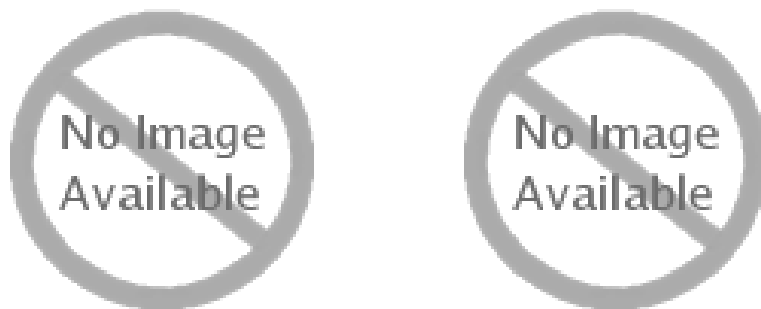


Figure 8: mid-fig caption



Figure 9: trailing caption

**Algorithm 2** Algorithms in minipage

**Require:** line
1: line
2: line
3: line
4: line
5: **for** line **do**
6:   line
7:   line
8: **end for**
9:
10: line
11: **while** line **do**
12:   line
13:   **while** line **do**
14:     line
15:     **line**
16:       line
17:       line
18:       line
19:       line
20:     **line** line:
21:       line
22:       line
23:       line
24:       line
25:           line
26:           line
27:       line
28:       line
29:   **end while**
30:
31:   line
32:   line {line}
33:   line
34:   line
35: **end while**
36:
37: **for** line **do**
38:   line
39: **end for**
40: **return** line

**Algorithm 3** line

**Require:** line
1: line
2: **for** line **do**
3:   line
4: **end for**
5: **while** line **do**
6:   line
7:   **for** line **do**
8:     line
9:     line
10:         line
11:     line
12:   **end for**
13:   line
14: **end while**

**Algorithm 4** line

**Require:** line
1: line
2: line
3: line
4:   line
5: line
6: line
7: **while** line **do**
8:   line
9:   line
10:     line
11:     line
12:     line
13:     line
14:     line
15:     line
16:   line
17:     line
18:     line
19:       line
20:     line
21: **end while**
22: **return** chain