1. Vectors

Here is some text before: [11, 22, 33, 44, 55]. Then some text after.

2. Matrices

Here is some text before:

$$\begin{bmatrix} 64 & 53 & 0 \\ 82 & 144 & 19 \\ 153 & 234 & 223 \end{bmatrix}$$

3. Expressions

$$f\left(x\right) = \frac{2x^2 + 4x}{\log\left(x^3\right)}$$

```
f(x) = (2x^2 + 4x) / log(x^3)
```

3.1 Cases

$$R\left(p, e, d\right) = \begin{cases} 0 & \text{if } e \\ \log\left(p\right) - d & \text{otherwise} \end{cases}$$

```
R(p,e,d) = e ? 0 : log(p) - d
```

$$R\left(p, e, d\right) = \begin{cases} 0 & \text{if } e \\ \log\left(p\right) - d & \text{otherwise} \end{cases}$$

```
function R(p,e,d)
    if e
        return 0
    else
        return log(p) - d
    end
end
```