

## Examples of Formulae

### 1 Some Fake Math

We can have math expression render “in-line”, like:  $(bouh \oplus 42)/\alpha_0^{StatesNb}$ . We can also put them in a “block”:

$$f(x, n) \neq \left( \sum_{i=0}^{StatesNb} i \cdot 42 \cdot 17 \right) + \sin(\theta) - (0/0)$$

Finally, we can render “arrays” of expressions which are nicely aligned:

$$\begin{aligned} f(x, n) &\neq \left( \sum_{i=0}^{StatesNb} i \cdot 42 \cdot 17 \right) + \sin(\theta) - (0/0) \\ &\geq (bouh \oplus 42)/\alpha_0^{StatesNb} \\ &< (bouh \oplus 42)/\alpha_0^{StatesNb} / \left( \frac{1}{(\theta \geq 42 \vee \alpha_i = 0.1)} \right) \end{aligned}$$

Of course one can define and render a formula at the same time:

$$E = M \cdot C^2$$