Embedded LaTex

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Contents

1 Here is some LaTex

The radius of the sun is $R_{sun} = 6.96$ x 10^8 m.

$$\%arbitrary environment x \sqrt{b} \% even tables, figures \tag{1}$$

% etc

If $a^2 = b$ and $b = 2$, then the solution must be either

$$a = +\sqrt{2}$$

or

$$a = -\sqrt{2}$$

.

2   Here is some LaTex

The radius of the sun is $R_s un = 6.96x10^8 m$.

$$x\sqrt{b} \tag{2}$$

If $a^2 = b$ and $b = 2$, then the solution must be either

$$a = +\sqrt{2}$$

or

$$a = -\sqrt{2}$$

.

3   Literal exampls

```
Some example from a text file
```

3.1   simple example

```
Some example with a colon
```

4   From emacs lisp

```
(defun org-xor (a b)
  "Exclusive or"
  (if a (not b) b))
```

5   Adding footnote

The org homepage [1] looks better than it used to.

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[1] the link is `https://orgmode.org`