

We can [annotate a piece of text](#). We can equally well annotate a piece of mathematics:

$$E = m \times c^2$$

Instead of using the text itself as a toggle, we can use a mark.[†] The mark itself can [CLICK ME!](#) be descriptive.

Now we can test some cross referencing. We first write down an equation

$$-\partial_t^2 u + \triangle u = \sum_{i,j=0}^3 B^{ij} \partial_i u \partial_j u \tag{1}$$

with respect to which we define

Definition 1 We say that the null condition is satisfied for (1)[†] if the term B^{ij} satisfies $\sum_{i,j=0}^3 B^{ij} \xi_i \xi_j = 0$ for every ξ satisfying $-\xi_0^2 + \xi_1^2 + \xi_2^2 + \xi_3^2 = 0$.

And perhaps a theorem

Theorem 1 *Small data global existence hold for (1)[†] provided that the null condition is satisfied (see Definition 1[†].)*

Let us talk a bit more about Theorem 1[†].