# Sample of document with cross-links

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## 1   Introduction

I am referring to (1)

$$\alpha^2 + \beta^2 = c^2 \tag{1}$$

$$E = mc^2 \tag{2}$$

Now I am referring to both eq. (1) and (2) This tool also works for citations:

LaTeX [2] is a set of macros built atop TeX [1].

Yet another equation
$$dU = TdS - PdV \tag{3}$$
and the above equation (3) is the first law of thermodynamics. Recall the equation (1)

# References

[1] Donald E. Knuth (1986) *The TEX Book*, Addison-Wesley Professional.

[2] Leslie Lamport (1994) *LATEX: a document preparation system*, Addison Wesley, Massachusetts, 2nd ed.