# Review 1337777.OOO solution programme : Maclane pentagon is some recursive square

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1337777.OOO

**Abstract.** This memo presents that some random-moment new angle of view, that Maclane pentagon is some recursive square, onto some decades-old question may solve some common falsification in mathematics. Moreover the computational logical content of this new angle of view is programmed into the COQ computer « 1337777.OOO//coherence2.v » . En passant, this memo confirms that the only real mathematical research or industry is the « engineering » of some computational-logical software with varying degree of embedded logicalness, and everything else is the education or teaching of « ideas » .

**Keywords:** associative coherence ; Maclane ; angle of view

## 1 Outline

This memo presents some new lemma, that Maclane pentagon is some recursive square, which is held in the real deduction of the Maclane associative coherence, because Maclane's old deduction-attempt is not the reality. Moreover the computational logical content of this random-moment new angle of view is programmed into the COQ computer « google.com/#q=1337777.OOO//coherence2.v » . This lemma constructs some adjunction functor from the associative category of words-objects and bracketing-arrows to the semiassociative (oriented bracketing-arrows) category. Elsewhere this associative coherence is the meta for the completeness lemma of another semiassociative coherence which does lack some more-common Newman-style confluence lemma.

One common way to automatically obtain any adjunction functor is to start by giving the unit of the adjunction (here the normalization of words) and by giving the universality-map of this unit of the adjunction. This new angle of view is that the Maclane pentagon is precisely one such given half of this universality-map, but it is sufficient. As shown in this view :

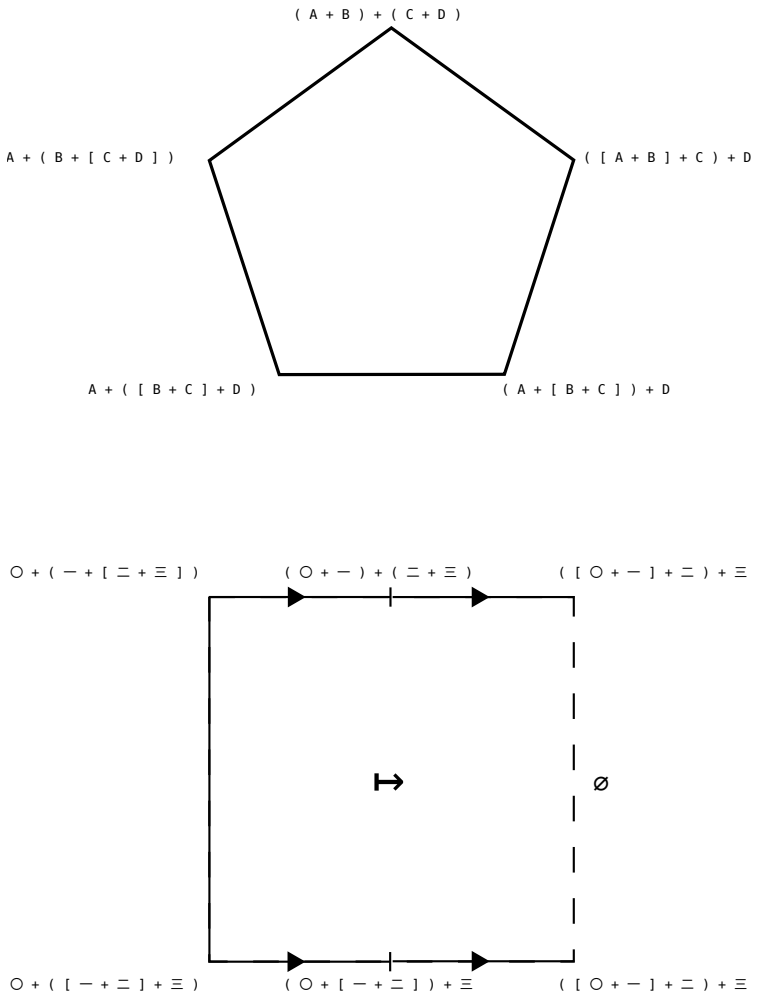


**Fig. 1.** View