Lemma. UPos and LPos are equivalent: there exists a pair of functors

$$\angle$$
: UPos \rightarrow LPos,
 \angle : LPos \rightarrow UPos,

such that 2% = Id_{UPos} and 2% = Id_{LPos} , where Id_{UPos} and Id_{LPos} are the identity functors on **UPos** and **LPos**, respectively.