The following three entries are indexed with “index”.

1. Heiko is indexed with “index”
2. ∪ is indexed with “index”
3. ⟨ is indexed with “index”
4. ( is indexed with “index”

In the margin, while Heiko displays as expected, math entries do not display properly, that is neither cup nor langle display as symbols. This is what Sharpe fixed with INDEX. (See page 2.)

In the Index, all three (linked to page 1) are displayed properly.
The Sharpe INDEX fixes the margin issue, that is now the math entries both display as *symbols* in the margin:

2. Oberdieck is indexed with Sharpe’s redefined “INDEX”
4. $\cap$ is indexed with Sharpe’s redefined “INDEX”
6. $\rangle$ indexed with Sharpe’s redefined “INDEX”

So, all is well in the best of all possible worlds except that, for some incomprehensible reason, in the Index, while the fix works for cap (linked to page 2)—and for all math I have ever indexed, it does *not* work for rangle (linked to page 2) which it displays as $B$
Index
\[ \cap, \underline{2} \]
\[ \cup, \underline{1} \]
\[ B, \underline{2} \]
\[ \langle, \underline{1} \]
Heiko, \underline{1}
Oberdiek, \underline{2}