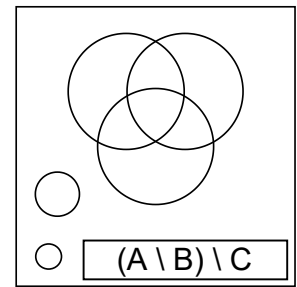# On the Subject of Venn Diagrams

Personally, I think George Boole was a tad bit illogical.

- This module consists of 8 buttons, one for each enclosed section of the Venn diagram and one representing the area not enclosed in any section of the diagram.
- The three circles are referred to as "A" (top-left), "B" (top-right), "C" (bottom).
- To disarm the module, select the area described by the statement at the bottom of the module.
- The bottom screen contains the three letters representing the circles, a pair of parentheses which indicate which operation to do first, and two set symbols, denoting inclusion in a set.
- The pictures below show what each symbol represents and which parts it includes, with the included parts shaded in.
- Pressing a button not part of the set will result in a strike.

A ∩ B Intersect	A ∪ B Union	A \ B Relative Complement	A' Complement
A B	A B	A B	A B

A △ B Symmetric Difference
A   B

Options (Alt-O)

Highlighter

☑ Enabled (Alt-H)

Color:

- ⦿ Blue (Alt-1)
- ◯ Red (Alt-2)
- ◯ Green (Alt-3)
- ◯ Yellow (Alt-4)

Page layout

⦿ Vertical
◯ Side by side