Enclosure of Cut

1903 | A Syllabus of Certain Topics of Logic | Peirce, 1903, p. 16; CP 4.399

By a *Cut* shall be understood to mean a self-returning linear separation (naturally represented by a fine-drawn or peculiarly colored line) which severs all that it encloses from the sheet of assertion on which it stands itself, or from any other area on which it stands itself. The whole space within the cut (but not comprising the cut itself) shall be termed the *area* of the cut. Though the area of the cut is no part of the sheet of assertion, yet the cut together with its area and all that is on it, conceived as so severed from the sheet, shall, under the name of the *enclosure* of the cut, be considered as on the sheet of assertion or as on such other area as the cut may stand upon.

1903 | A Syllabus of Certain Topics of Logic | Peirce, 1903, p. 21; CP 4.414

A cut drawn upon the sheet of assertion together with its area and whatever is scribed upon that area constitutes a graph-replica scribed upon the sheet of assertion, and is called the *enclosure* of the cut.