The Inroads article by L. Misik appearing in this issue of the <u>Exchange</u>, which was originally submitted to the Queries Section, contains three open problems which will be assigned the numbers 158, 159, and 160 in the obvious order.

The Inroads article by M. Jodeit, Jr., appearing in this issue of the <u>Exchange</u> is a solution to a question sent to the participants of the sixth summer symposium by J. Marshall Ash and is assigned the number 161.

The following two questions were submitted by J. Ceder and D. Ganguly in connection with their article appearing in the Research Section of this issue of the Exchange.

- 162. Does there exist a linear set A of second category such that the projection of  $A \times A$  onto each line has empty interior?
- 163. Does there exist a planar set of positive Lebesgue measure whose projection onto each line has empty interior?

The following two questions were submitted by J. Ceder.

- 164. E.S. Thomas Jr. has characterized the Baire 1 functions as those functions whose graphs are the intersection of a sequence of simply connected open sets. Does there exist a characterization of the Baire 1, Darboux functions as those functions whose graph is the intersection of a sequence of "special" simply connected open sets? (See the discussion following THEOREM F in the survey on Baire 1, Darboux functions in this Exchange.)
- 165. It is not true that the sum of two Baire 1, Darboux functions is necessarily Baire 1, Darboux, and consequently, the average of two Baire 1, Darboux functions need not be Baire 1, Darboux. What are necessary and sufficient conditions on arbitrary f and g, where  $f \langle g$ , in order to insure that a Baire 1, Darboux function can be inserted between them? (A more complete discussion of this problem can be found following THEOREM K in the survey on Baire 1, Darboux functions in this Exchange.)