

Produce a ...
 courses offered by ...
 books.
 List any department that has all its adopted ...
 publishing.

6.22. Consider the two tables T_1 and T_2 shown in Figure 6.15. Show the following operations:

- a. $T_1 \bowtie T_1.P = T_2.A$ T_2
- b. $T_1 \bowtie T_1.Q = T_2.B$ T_2
- c. $T_1 \bowtie T_1.P = T_2.A$ T_2
- d. $T_1 \bowtie T_1.Q = T_2.B$ T_2
- e. $T_1 \cup T_2$
- f. $T_1 \bowtie (T_1.P = T_2.A \text{ AND } T_1.R = T_2.C)$ T_2

Figure 6.15
 A database state for the
 relations T_1 and T_2 .

TABLE T1

P	Q	R
10	a	5
15	b	8
25	a	6

TABLE T2

A	B	C
10	b	6
25	c	3
10	b	5