A 0000	Q 0011	Q_{-1}	M 0111	Initial Valu	es
1001 1100	0011 1001	0 1	0111 0111	$A \leftarrow A - M$ Shift	First Cycle
1110	0100	1	0111	Shift }	Second Cycle
0101 0010	0100 1010	1 0	0111 0111	$A \leftarrow A + M$ Shift	Third Cycle
0001	0101	0	0111	Shift }	Fourth Cycle

Figure 9.13 Example of Booth's Algorithm (7×3)