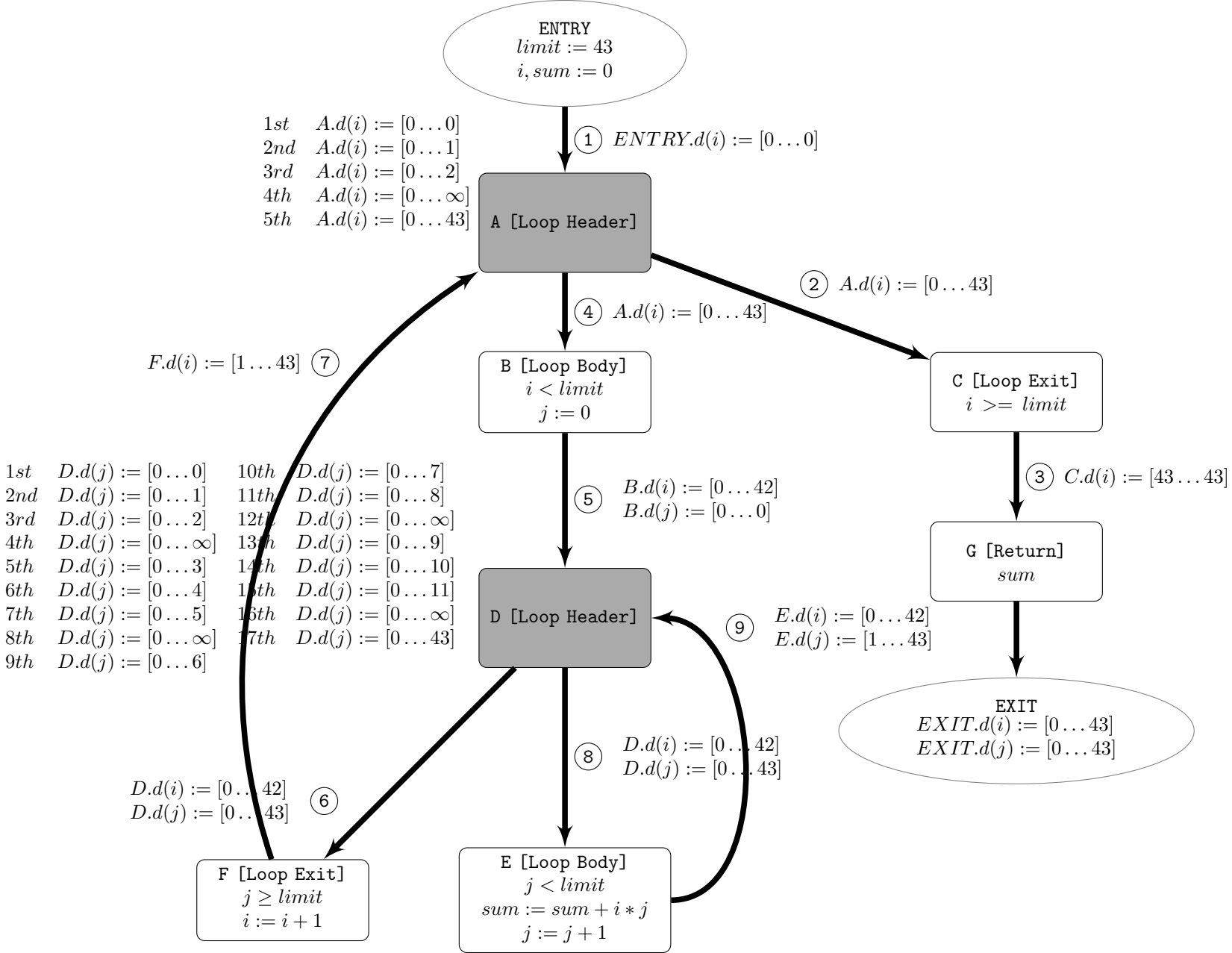
ENTRY
$limit := 43$
$i, sum := 0$
1 $ENTRY.d(i) := [0 \dots 0]$
A [Loop Header]
$1st$ $A.d(i) := [0 \dots 0]$
$2nd$ $A.d(i) := [0 \dots 1]$
$3rd$ $A.d(i) := [0 \dots 2]$
$4th$ $A.d(i) := [0 \dots \infty]$
$5th$ $A.d(i) := [0 \dots 43]$
2 $A.d(i) := [0 \dots 43]$
4 $A.d(i) := [0 \dots 43]$
B [Loop Body]
$i < limit$
$j := 0$
C [Loop Exit]
$i >= limit$
3 $C.d(i) := [43 \dots 43]$
G [Return]
sum
EXIT
$EXIT.d(i) := [0 \dots 43]$
$EXIT.d(j) := [0 \dots 43]$
5 $B.d(i) := [0 \dots 42]$
$B.d(j) := [0 \dots 0]$
D [Loop Header]
$1st$ $D.d(j) := [0 \dots 0]$
$2nd$ $D.d(j) := [0 \dots 1]$
$3rd$ $D.d(j) := [0 \dots 2]$
$4th$ $D.d(j) := [0 \dots \infty]$
$5th$ $D.d(j) := [0 \dots 3]$
$6th$ $D.d(j) := [0 \dots 4]$
$7th$ $D.d(j) := [0 \dots 5]$
$8th$ $D.d(j) := [0 \dots \infty]$
$9th$ $D.d(j) := [0 \dots 6]$
$10th$ $D.d(j) := [0 \dots 7]$
$11th$ $D.d(j) := [0 \dots 8]$
$12th$ $D.d(j) := [0 \dots \infty]$
$13th$ $D.d(j) := [0 \dots 9]$
$14th$ $D.d(j) := [0 \dots 10]$
$15th$ $D.d(j) := [0 \dots 11]$
$16th$ $D.d(j) := [0 \dots \infty]$
$17th$ $D.d(j) := [0 \dots 43]$
9 $E.d(i) := [0 \dots 42]$
$E.d(j) := [1 \dots 43]$
8 $D.d(i) := [0 \dots 42]$
$D.d(j) := [0 \dots 43]$
6 $D.d(i) := [0 \dots 42]$
$D.d(j) := [0 \dots 43]$
7 $F.d(i) := [1 \dots 43]$
F [Loop Exit]
$j \geq limit$
$i := i + 1$
E [Loop Body]
$j < limit$
$sum := sum + i * j$
$j := j + 1$