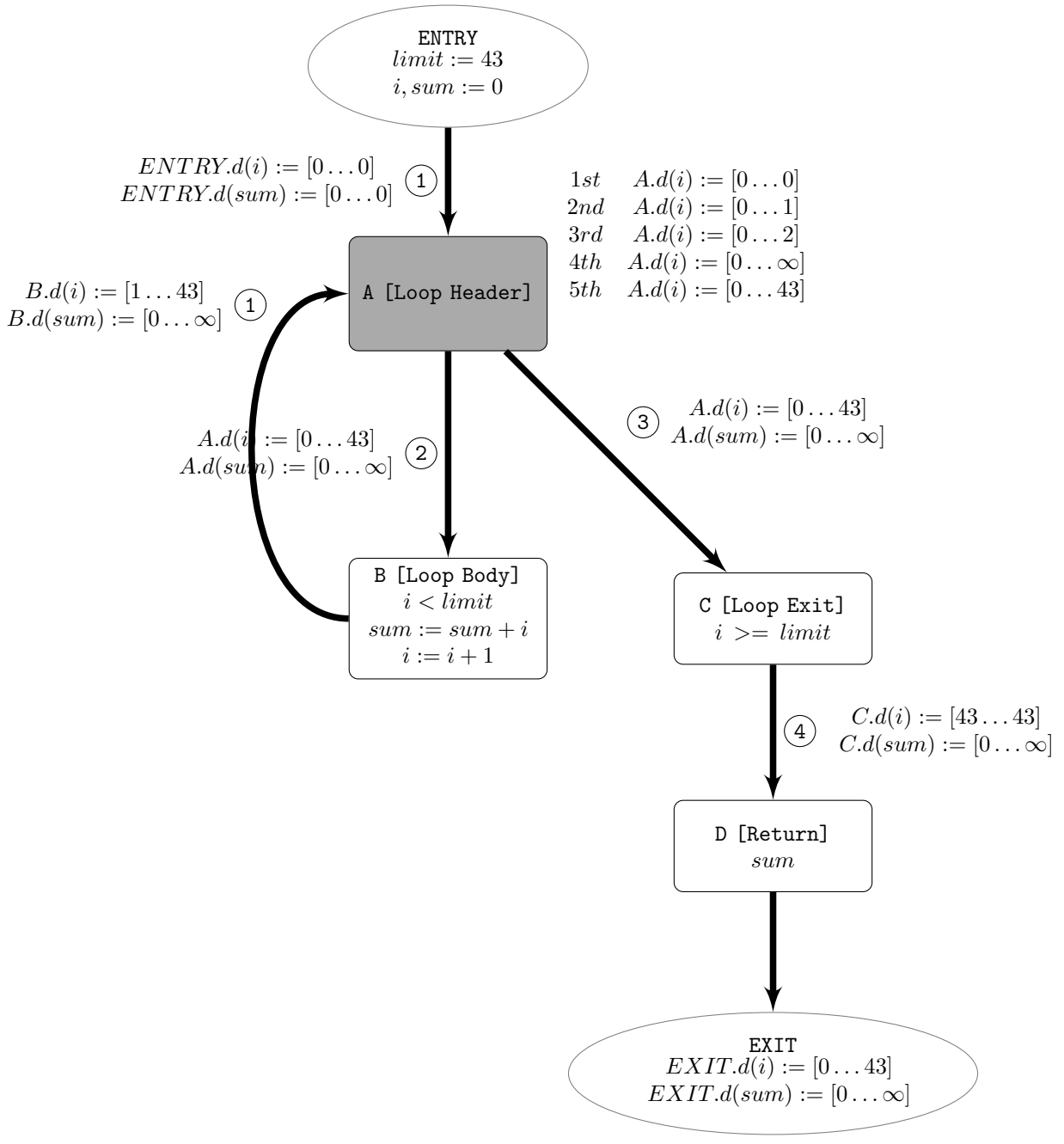
ENTRY
$limit := 43$
$i, sum := 0$
$ENTRY.d(i) := [0 \dots 0]$
$ENTRY.d(sum) := [0 \dots 0]$
1
$1st \quad A.d(i) := [0 \dots 0]$
$2nd \quad A.d(i) := [0 \dots 1]$
$3rd \quad A.d(i) := [0 \dots 2]$
$4th \quad A.d(i) := [0 \dots \infty]$
$5th \quad A.d(i) := [0 \dots 43]$
A [Loop Header]
$B.d(i) := [1 \dots 43]$
$B.d(sum) := [0 \dots \infty]$
1
$A.d(i) := [0 \dots 43]$
$A.d(sum) := [0 \dots \infty]$
2
3
$A.d(i) := [0 \dots 43]$
$A.d(sum) := [0 \dots \infty]$
B [Loop Body]
$i < limit$
$sum := sum + i$
$i := i + 1$
C [Loop Exit]
$i >= limit$
4
$C.d(i) := [43 \dots 43]$
$C.d(sum) := [0 \dots \infty]$
D [Return]
sum
EXIT
$EXIT.d(i) := [0 \dots 43]$
$EXIT.d(sum) := [0 \dots \infty]$