	Very Busy Expression	
Domain	L'insieme delle espressioni	
Direction	Backward IN[b] = f_b(OUT[b]) OUT[b] = ^IN[succ(b)]	
Transfer function	$f_b(x) = GEN_b \cup (x - KILL_b)$	
Meet operation	$\cap$	
Boundary condition	$IN[exit] = \emptyset$	
Initial interior points	IN[b] = ∪ (Universal Set)	

BB1 $\varnothing$ $\varnothing$ BB2 $\varnothing$ $\varnothing$ BB3       b-a $\varnothing$ BB4       a-b $\varnothing$ BB5       b-a $\varnothing$ BB6 $\varnothing$ a-b         BB7       a-b $\varnothing$ BB8 $\varnothing$ $\varnothing$ BB8 $\varnothing$ $\varnothing$ BB1 $\varnothing$ $\cup$ ({b-a} - $\varnothing$ ) = {b-a}       {b-a}       {b-a} = {b-a}         BB2 $\varnothing$ $\cup$ ({b-a} - $\varnothing$ ) = {b-a}       {b-a, a-b} $\cap$ {b-a} = {b-a}         BB3       {b-a} $\cup$ ({a-b} - $\varnothing$ ) = {b-a, a-b}       {a-b}         BB4       {a-b} $\cup$ ( $\varnothing$ - $\varnothing$ ) = {a-b} $\varnothing$ BB5       {b-a} $\cup$ ( $\varnothing$ - $\varnothing$ ) = {b-a} $\varnothing$		GEN	KILL
BB3       b-a $\varnothing$ BB4       a-b $\varnothing$ BB5       b-a $\varnothing$ BB6 $\varnothing$ a-b         BB7       a-b $\varnothing$ BB8 $\varnothing$ $\varnothing$ BB8 $\varnothing$ $\varnothing$ BB1 $\varnothing \cup (\{b-a\} - \varnothing) = \{b-a\}$ $\{b-a\}$ BB2 $\varnothing \cup (\{b-a\} - \varnothing) = \{b-a\}$ $\{b-a, a-b\} \cap \{b-a\} = \{b-a\}$ BB3 $\{b-a\} \cup (\{a-b\} - \varnothing) = \{b-a, a-b\}$ $\{a-b\}$ BB4 $\{a-b\} \cup (\varnothing - \varnothing) = \{a-b\}$ $\varnothing$ BB5 $\{b-a\} \cup (\varnothing - \varnothing) = \{b-a\}$ $\varnothing$	BB1	Ø	Ø
BB4       a-b $\varnothing$ BB5       b-a $\varnothing$ BB6 $\varnothing$ a-b         BB7       a-b $\varnothing$ BB8 $\varnothing$ $\varnothing$ BB8 $\varnothing$ $\varnothing$ BB1 $\varnothing$ $\cup$ ({b-a} - $\varnothing$ ) = {b-a}       {b-a}         BB2 $\varnothing$ $\cup$ ({b-a} - $\varnothing$ ) = {b-a}       {b-a, a-b} $\cap$ {b-a} = {b-a}         BB3       {b-a} $\cup$ ({a-b} - $\varnothing$ ) = {b-a, a-b}       {a-b}         BB4       {a-b} $\cup$ ( $\varnothing$ - $\varnothing$ ) = {a-b} $\varnothing$ BB5       {b-a} $\cup$ ( $\varnothing$ - $\varnothing$ ) = {b-a} $\varnothing$	BB2	Ø	Ø
BB5       b-a $\varnothing$ BB6 $\varnothing$ a-b         BB7       a-b $\varnothing$ BB8 $\varnothing$ $\varnothing$ IN       OUT         BB1 $\varnothing \cup (\{b-a\} - \varnothing) = \{b-a\}$ $\{b-a\}$ BB2 $\varnothing \cup (\{b-a\} - \varnothing) = \{b-a\}$ $\{b-a\} \cap \{b-a\} = \{b-a\}$ BB3 $\{b-a\} \cup (\{a-b\} - \varnothing) = \{b-a, a-b\}$ $\{a-b\}$ BB4 $\{a-b\} \cup (\varnothing - \varnothing) = \{a-b\}$ $\varnothing$ BB5 $\{b-a\} \cup (\varnothing - \varnothing) = \{b-a\}$ $\varnothing$	BB3	b-a	Ø
BB6 $\varnothing$ a-b         BB7       a-b         BB8 $\varnothing$ IN       OUT         BB1 $\varnothing \cup (\{b-a\} - \varnothing) = \{b-a\}$ $\{b-a\}$ BB2 $\varnothing \cup (\{b-a\} - \varnothing) = \{b-a\}$ $\{b-a\} \cap \{b-a\} = \{b-a\}$ BB3 $\{b-a\} \cup (\{a-b\} - \varnothing) = \{b-a, a-b\}$ $\{a-b\}$ BB4 $\{a-b\} \cup (\varnothing - \varnothing) = \{a-b\}$ $\varnothing$ BB5 $\{b-a\} \cup (\varnothing - \varnothing) = \{b-a\}$ $\varnothing$	BB4	a-b	Ø
BB7       a-b $\varnothing$ BB8 $\varnothing$ $\varnothing$ IN       OUT         BB1 $\varnothing \cup (\{b-a\} - \varnothing) = \{b-a\}$ $\{b-a\}$ BB2 $\varnothing \cup (\{b-a\} - \varnothing) = \{b-a\}$ $\{b-a\} \cap \{b-a\} = \{b-a\}$ BB3 $\{b-a\} \cup (\{a-b\} - \varnothing) = \{b-a, a-b\}$ $\{a-b\}$ BB4 $\{a-b\} \cup (\varnothing - \varnothing) = \{a-b\}$ $\varnothing$ BB5 $\{b-a\} \cup (\varnothing - \varnothing) = \{b-a\}$ $\varnothing$	BB5	b-a	Ø
BB8 $\varnothing$ $\varnothing$ IN       OUT         BB1 $\varnothing \cup (\{b-a\} - \varnothing) = \{b-a\}$ $\{b-a\}$ BB2 $\varnothing \cup (\{b-a\} - \varnothing) = \{b-a\}$ $\{b-a, a-b\} \cap \{b-a\} = \{b-a\}$ BB3 $\{b-a\} \cup (\{a-b\} - \varnothing) = \{b-a, a-b\}$ $\{a-b\}$ BB4 $\{a-b\} \cup (\varnothing - \varnothing) = \{a-b\}$ $\varnothing$ BB5 $\{b-a\} \cup (\varnothing - \varnothing) = \{b-a\}$ $\varnothing$	BB6	Ø	a-b
$ IN & OUT \\ BB1 & \varnothing \cup (\{b-a\} - \varnothing) = \{b-a\} \\ BB2 & \varnothing \cup (\{b-a\} - \varnothing) = \{b-a\} \\ BB3 & \{b-a\} \cup (\{a-b\} - \varnothing) = \{b-a, a-b\} \\ BB4 & \{a-b\} \cup (\varnothing - \varnothing) = \{a-b\} \\ BB5 & \{b-a\} \cup (\varnothing - \varnothing) = \{b-a\} \\ & \varnothing $	BB7	a-b	Ø
BB1 $\emptyset \cup (\{b-a\} - \emptyset) = \{b-a\}$ $\{b-a\}$ BB2 $\emptyset \cup (\{b-a\} - \emptyset) = \{b-a\}$ $\{b-a\} \cap \{b-a\} = \{b-a\}$ BB3 $\{b-a\} \cup (\{a-b\} - \emptyset) = \{b-a, a-b\}$ $\{a-b\}$ BB4 $\{a-b\} \cup (\emptyset - \emptyset) = \{a-b\}$ $\emptyset$ BB5 $\{b-a\} \cup (\emptyset - \emptyset) = \{b-a\}$ $\emptyset$	BB8	Ø	Ø
BB6 $\varnothing \cup (\{a-b\} - \{a-b\}) = \varnothing$ {a-b} BB7 {a-b} $\cup (\varnothing - \varnothing) = \{a-b\}$ $\varnothing$ BB8 $\varnothing$	BB2 BB3 BB4 BB5 BB6 BB7	$\varnothing \cup (\{b-a\} - \varnothing) = \{b-a\}$ $\varnothing \cup (\{b-a\} - \varnothing) = \{b-a\}$ $\{b-a\} \cup (\{a-b\} - \varnothing) = \{b-a, a-b\}$ $\{a-b\} \cup (\varnothing - \varnothing) = \{a-b\}$ $\{b-a\} \cup (\varnothing - \varnothing) = \{b-a\}$ $\varnothing \cup (\{a-b\} - \{a-b\}) = \varnothing$ $\{a-b\} \cup (\varnothing - \varnothing) = \{a-b\}$	{b-a} {b-a, a-b} ∩ {b-a} = {b-a} {a-b} ∅ ⟨Ø {a-b}