__binary_int32_int32_ (UID: 80)

initialize (UID: 79)		
0	Region (42,8,8)	READ-WRITE EXCLUSIVE
1	Region (49,9,9)	READ-WRITE EXCLUSIVE
2	Region (37,7,7)	READ-WRITE EXCLUSIVE

__binary_int32_int32_ (UID: 78)

initialize (UID: 77)		
0	Region (39,8,8)	READ-WRITE EXCLUSIVE
1	Region (47,9,9)	READ-WRITE EXCLUSIVE
2	Region (35,7,7)	READ-WRITE EXCLUSIVE

__binary_int32_int32_ (UID: 76)

initialize (UID: 75)		
0	Region (41,8,8)	READ-WRITE EXCLUSIVE
1	Region (48,9,9)	READ-WRITE EXCLUSIVE
2	Region (36,7,7)	READ-WRITE EXCLUSIVE

__binary_int32_int32_ (UID: 74)

initialize (UID: 73)		
0	Region (38,8,8)	READ-WRITE EXCLUSIVE
1	Region (46,9,9)	READ-WRITE EXCLUSIVE
2	Region (34,7,7)	READ-WRITE EXCLUSIVE

make_zpencil_c (UID: 64)		
0	coords (29,7,7)	NO-ACCESS EXCLUSIVE

make_ypencil_c (UID: 63)		
0	coords (29,7,7)	NO-ACCESS EXCLUSIVE

make_xpencil_c (UID: 62)		
0	coords (29,7,7)	NO-ACCESS EXCLUSIVE

make_zpencil (UID: 61)		
0	exact (29,9,9)	NO-ACCESS EXCLUSIVE

make_ypencil (UID: 60)		
0	exact (29,9,9)	NO-ACCESS EXCLUSIVE

make_xpencil (UID: 58)		
0	exact (29,9,9)	NO-ACCESS EXCLUSIVE

make_zpencil (UID: 57)		
0	points (29,8,8)	NO-ACCESS EXCLUSIVE

make_ypencil (UID: 56)		
0	points (29,8,8)	NO-ACCESS EXCLUSIVE

make_xpencil (UID: 55)		
0	points (29,8,8)	NO-ACCESS EXCLUSIVE

partitionLU (UID: 34)		
0	LU_z2 (20,6,6)	NO-ACCESS EXCLUSIVE

partitionLU (UID: 33)		
0	LU_z (20,5,5)	NO-ACCESS EXCLUSIVE

partitionLU (UID: 13)		
0	LU_y2 (11,4,4)	NO-ACCESS EXCLUSIVE

partitionLU (UID: 11)		
0	LU_y (11,3,3)	NO-ACCESS EXCLUSIVE

get_LU_decomposition (UID: 6)		
0	p (1,1,1)	READ-WRITE EXCLUSIVE

Inter Close Op 85 (UID: 85)		
0	LU_x (2,1,1)	READ-WRITE EXCLUSIVE

Inter Close Op 82 (UID: 82)		
0	points (29,8,8)	READ-WRITE EXCLUSIVE

Inter Close Op 83 (UID: 83)		
0	exact (29,9,9)	READ-WRITE EXCLUSIVE

Inter Close Op 84 (UID: 84)		
0	coords (29,7,7)	READ-WRITE EXCLUSIVE

get_LU_decomposition (UID: 7)		
0	p (2,2,2)	READ-WRITE EXCLUSIVE

Inter Close Op 86 (UID: 86)		
0	LU_x2 (2,2,2)	READ-WRITE EXCLUSIVE

get_LU_decomposition (UID: 26)		
0	p (3,3,3)	READ-WRITE EXCLUSIVE

Inter Close Op 87 (UID: 87)		
0	LU_y (11,3,3)	READ-WRITE EXCLUSIVE

get_LU_decomposition (UID: 27)		
0	p (4,4,4)	READ-WRITE EXCLUSIVE

Inter Close Op 88 (UID: 88)		
0	LU_y2 (11,4,4)	READ-WRITE EXCLUSIVE

get_LU_decomposition (UID: 45)		
0	p (5,5,5)	READ-WRITE EXCLUSIVE

Inter Close Op 89 (UID: 89)		
0	LU_z (20,5,5)	READ-WRITE EXCLUSIVE

get_LU_decomposition (UID: 52)		
0	p (6,6,6)	READ-WRITE EXCLUSIVE

Inter Close Op 90 (UID: 90)		
0	LU_z2 (20,6,6)	READ-WRITE EXCLUSIVE

run_main (UID: 81)		
0	points (29,8,8)	READ-WRITE EXCLUSIVE
1	exact (29,9,9)	READ-ONLY EXCLUSIVE
2	coords (29,7,7)	READ-ONLY EXCLUSIVE
3	LU_x (2,1,1)	READ-ONLY EXCLUSIVE
4	LU_x2 (2,2,2)	READ-ONLY EXCLUSIVE
5	LU_y (11,3,3)	READ-ONLY EXCLUSIVE
6	LU_y2 (11,4,4)	READ-ONLY EXCLUSIVE
7	LU_z (20,5,5)	READ-ONLY EXCLUSIVE
8	LU_z2 (20,6,6)	READ-ONLY EXCLUSIVE

partitionLU (UID: 5)		
0	LU_x2 (2,2,2)	NO-ACCESS EXCLUSIVE

partitionLU (UID: 4)		
0	LU_x (2,1,1)	NO-ACCESS EXCLUSIVE

factorize (UID: 3)