Benchmark Result Report

Level-Up

May 6, 2022

The table below contains the results.

Table 1: Benchmark statistics, runtimes of the approaches, and details from levelup

Name	Inst	$|S_{\mathcal{M}}|$	$|\mathbb{I}|$	$|S_{\mu(\mathcal{M})}|$	$|A_{\mu(\mathcal{M})}|$	$|S_{\mathcal{T}}|$	$|A_{\mathcal{T}}|$	t_{init}	t_{enum}	t_{50}	t_{90}	t_{95}	iter.	indrf.	um %	sr %	ir %
corr	11,10,50	10^7	624	255576	541704	15000	65006	<1	16	3	9	13	17	14	2	67	2
corr	11,8,100	10^8	624	254376	539040	60000	260006	<1	100	10	45	45	9	16	2	80	4
corr	11,8,200	10^8	624	254376	539040	240000	1040006	2	689	51	313	568	17	30	0	92	4
corr	13,11,50	10^7	768	1024344	2172432	15000	65006	3	21	8	18	25	17	17	5	36	1
corr1	17,14,75	10^8	1056	34200	83160	33750	146256	<1	90	4	21	38	17	43	0	84	8
corr1	18,15,75	10^8	1128	39576	96768	33750	146256	<1	98	4	38	38	17	45	0	84	8
corr1	25,20,75	10^8	1632	89136	224160	33750	146256	<1	168	5	44	67	25	102	1	80	14
mail	10	10^9	173857	793971	1088152	2801	3601	4	552	8	21	48	57	658	29	2	4
mail	12	10^9	236802	1446551	2023504	2801	3601	8	738	16	43	130	97	703	42	1	2
netw	30,50	10^8	9801	437823	437823	4026	4026	1	23	8	33	46	217	150	60	1	1
netw	30,80	10^8	9801	437823	437823	10041	10041	1	62	8	34	48	217	150	59	3	3
netw	50,80	10^8	9801	1025883	1025883	10041	10041	2	62	16	94	112	225	150	62	1	1
sdn	5,12,4,4	10^8	23375	128386	128386	13506	16855	<1	62	2	20	112	289	305	2	17	11
sdn	5,8,4,4	10^8	23375	128386	128386	2802	3455	<1	98	1	5	15	281	305	13	17	8
sdn	6,8,4,4	10^9	126337	408227	408227	2802	3455	2	519	5	46	394	3057	305	27	7	0