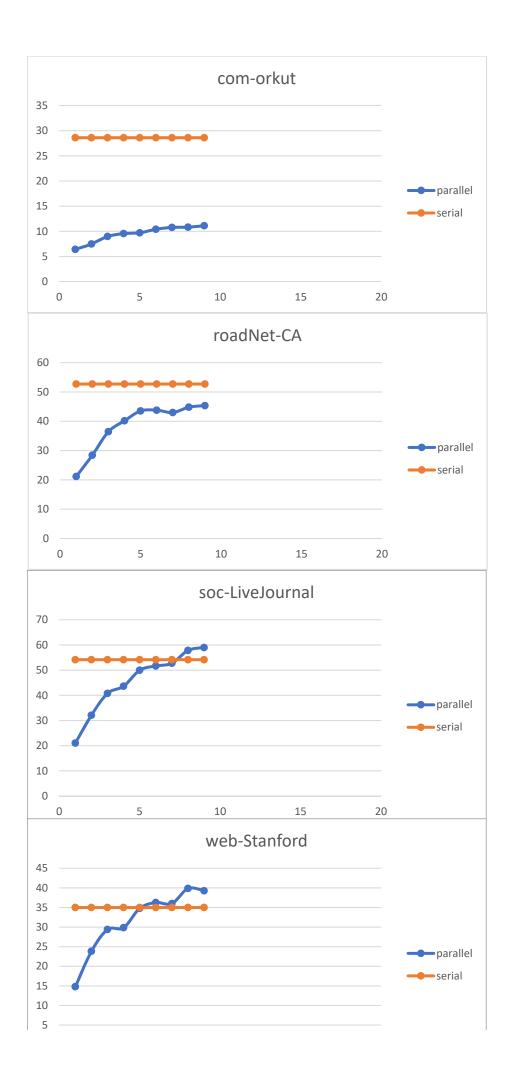
com-orkut	1	2	3	4	5	6	7	8	9
MTEPS (parallel n)	6.416519	7.494395	8.981975	9.551848	9.703494	10.40808	10.77909	10.83424	11.10628
MTEPS (serial 1)	28.59914	28.59914	28.59914	28.59914	28.59914	28.59914	28.59914	28.59914	28.59914
R-MAT 1	1	2	3	4	5	6	7	8	9
MTEPS (parallel n)	12.18286	17.20151	25.00471	30.00356	33.85331	36.35412	37.87842	40.69201	40.8063
MTEPS (serial 1)	21.04543	21.04543	21.04543	21.04543	21.04543	21.04543	21.04543	21.04543	21.04543
R-MAT 2	1	2	3	4	5	6	7	8	9
MTEPS (parallel n)	14.06986	20.28421	28.5422		36.12809		40.69752		43.98102
MTEPS (serial 1)	27.46904	27.46904		27.46904			27.46904		27.46904
R-MAT 3	1	2	3	4	5	6	7	8	9
MTEPS (parallel n)		28.12192			43.96515				53.17687
MTEPS (serial 1)	59.89692	59.89692			59.89692		59.89692		59.89692
roadNet-CA	1	2	3	4	5	6	7	8	9
MTEPS (parallel n)	21.1615	28.44356	36.44944			43.78752		44.81491	45.33251
MTEPS (serial 1)	52.71347	52.71347		52.71347		52.71347	52.71347	52.71347	52.71347
soc-LiveJournal	1	2	3	4	5	6	7	8	9
MTEPS (parallel n)	21.02555	32.09257	40.76807		49.96813	51.65841			58.98332
MTEPS (serial 1)	54.15113			54.15113		54.15113	54.15113		54.15113
web-Stanford	1	2	3	4	5	6	7	8	9
MTEPS (parallel n)	14.77086	23.8107		29.84305		36.24929	35.99193	39.8431	39.25326
MTEPS (serial 1)	34.98102	34.98102	34.98102	34.98102	34.98102	34.98102	34.98102	34.98102	34.98102
com-orkut	10	11	12	13	1/	15	16	May	Sneedl IP
com-orkut MTEPS (parallel n)	10 11 2308	11 11 22263	12 11 27213	13 11 56447	14 11 49431	15 11 50793			SpeedUP
MTEPS (parallel n)	11.2308	11.22263	11.27213	11.56447	11.49431	11.50793	11.57348	11.10628	SpeedUP 0.388343
MTEPS (parallel n) MTEPS (serial 1)	11.2308 28.59914	11.22263 28.59914	11.27213 28.59914	11.56447 28.59914	11.49431 28.59914	11.50793 28.59914	11.57348 28.59914	11.10628	•
MTEPS (parallel n) MTEPS (serial 1) R-MAT 1	11.2308 28.59914 10	11.22263 28.59914 11	11.27213 28.59914 12	11.56447 28.59914 13	11.49431 28.59914 14	11.50793 28.59914 15	11.57348 28.59914 16	11.10628 28.59914	0.388343
MTEPS (parallel n) MTEPS (serial 1) R-MAT 1 MTEPS (parallel n)	11.2308 28.59914 10 41.34642	11.22263 28.59914 11 42.78034	11.27213 28.59914 12 43.25767	11.56447 28.59914 13 45.04466	11.49431 28.59914 14 45.57383	11.50793 28.59914 15 46.19662	11.57348 28.59914 16 46.58455	11.10628 28.59914 40.8063	•
MTEPS (parallel n) MTEPS (serial 1) R-MAT 1 MTEPS (parallel n) MTEPS (serial 1)	11.2308 28.59914 10 41.34642 21.04543	11.22263 28.59914 11 42.78034 21.04543	11.27213 28.59914 12 43.25767 21.04543	11.56447 28.59914 13 45.04466 21.04543	11.49431 28.59914 14 45.57383 21.04543	11.50793 28.59914 15 46.19662 21.04543	11.57348 28.59914 16 46.58455 21.04543	11.10628 28.59914	0.388343
MTEPS (parallel n) MTEPS (serial 1) R-MAT 1 MTEPS (parallel n) MTEPS (serial 1) R-MAT 2	11.2308 28.59914 10 41.34642 21.04543 10	11.22263 28.59914 11 42.78034 21.04543 11	11.27213 28.59914 12 43.25767 21.04543 12	11.56447 28.59914 13 45.04466 21.04543 13	11.49431 28.59914 14 45.57383 21.04543 14	11.50793 28.59914 15 46.19662 21.04543 15	11.57348 28.59914 16 46.58455 21.04543 16	11.10628 28.59914 40.8063 21.04543	0.388343
MTEPS (parallel n) MTEPS (serial 1) R-MAT 1 MTEPS (parallel n) MTEPS (serial 1) R-MAT 2 MTEPS (parallel n)	11.2308 28.59914 10 41.34642 21.04543 10 44.40742	11.22263 28.59914 11 42.78034 21.04543 11 45.14268	11.27213 28.59914 12 43.25767 21.04543 12 46.12384	11.56447 28.59914 13 45.04466 21.04543 13 47.66229	11.49431 28.59914 14 45.57383 21.04543 14 47.9426	11.50793 28.59914 15 46.19662 21.04543 15 47.98571	11.57348 28.59914 16 46.58455 21.04543 16 48.4278	11.10628 28.59914 40.8063 21.04543 43.98102	0.388343
MTEPS (parallel n) MTEPS (serial 1) R-MAT 1 MTEPS (parallel n) MTEPS (serial 1) R-MAT 2	11.2308 28.59914 10 41.34642 21.04543 10 44.40742	11.22263 28.59914 11 42.78034 21.04543 11	11.27213 28.59914 12 43.25767 21.04543 12 46.12384	11.56447 28.59914 13 45.04466 21.04543 13 47.66229	11.49431 28.59914 14 45.57383 21.04543 14 47.9426	11.50793 28.59914 15 46.19662 21.04543 15 47.98571	11.57348 28.59914 16 46.58455 21.04543 16 48.4278	11.10628 28.59914 40.8063 21.04543 43.98102	0.388343
MTEPS (parallel n) MTEPS (serial 1) R-MAT 1 MTEPS (parallel n) MTEPS (serial 1) R-MAT 2 MTEPS (parallel n) MTEPS (serial 1)	11.2308 28.59914 10 41.34642 21.04543 10 44.40742 27.46904	11.22263 28.59914 11 42.78034 21.04543 11 45.14268 27.46904	11.27213 28.59914 12 43.25767 21.04543 12 46.12384 27.46904	11.56447 28.59914 13 45.04466 21.04543 13 47.66229 27.46904	11.49431 28.59914 14 45.57383 21.04543 14 47.9426 27.46904	11.50793 28.59914 15 46.19662 21.04543 15 47.98571 27.46904	11.57348 28.59914 16 46.58455 21.04543 16 48.4278 27.46904	11.10628 28.59914 40.8063 21.04543 43.98102 27.46904	0.388343 1.938963 1.601113
MTEPS (parallel n) MTEPS (serial 1) R-MAT 1 MTEPS (parallel n) MTEPS (serial 1) R-MAT 2 MTEPS (parallel n) MTEPS (serial 1) R-MAT 3	11.2308 28.59914 10 41.34642 21.04543 10 44.40742 27.46904 10 53.15512	11.22263 28.59914 11 42.78034 21.04543 11 45.14268 27.46904	11.27213 28.59914 12 43.25767 21.04543 12 46.12384 27.46904 12 55.13932	11.56447 28.59914 13 45.04466 21.04543 13 47.66229 27.46904 13 55.94138	11.49431 28.59914 14 45.57383 21.04543 14 47.9426 27.46904	11.50793 28.59914 15 46.19662 21.04543 15 47.98571 27.46904 15 57.18925	11.57348 28.59914 16 46.58455 21.04543 16 48.4278 27.46904 16 56.87408	11.10628 28.59914 40.8063 21.04543 43.98102 27.46904 53.17687	0.388343
MTEPS (parallel n) MTEPS (serial 1) R-MAT 1 MTEPS (parallel n) MTEPS (serial 1) R-MAT 2 MTEPS (parallel n) MTEPS (serial 1) R-MAT 3 MTEPS (parallel n)	11.2308 28.59914 10 41.34642 21.04543 10 44.40742 27.46904 10 53.15512	11.22263 28.59914 11 42.78034 21.04543 11 45.14268 27.46904 11 54.41378	11.27213 28.59914 12 43.25767 21.04543 12 46.12384 27.46904 12 55.13932	11.56447 28.59914 13 45.04466 21.04543 13 47.66229 27.46904 13 55.94138	11.49431 28.59914 14 45.57383 21.04543 14 47.9426 27.46904 14 57.5553	11.50793 28.59914 15 46.19662 21.04543 15 47.98571 27.46904 15 57.18925	11.57348 28.59914 16 46.58455 21.04543 16 48.4278 27.46904 16 56.87408	11.10628 28.59914 40.8063 21.04543 43.98102 27.46904 53.17687	0.388343 1.938963 1.601113
MTEPS (parallel n) MTEPS (serial 1) R-MAT 1 MTEPS (parallel n) MTEPS (serial 1) R-MAT 2 MTEPS (parallel n) MTEPS (serial 1) R-MAT 3 MTEPS (parallel n) MTEPS (parallel n) MTEPS (serial 1) roadNet-CA	11.2308 28.59914 10 41.34642 21.04543 10 44.40742 27.46904 10 53.15512 59.89692 10	11.2263 28.59914 11 42.78034 21.04543 11 45.14268 27.46904 11 54.41378 59.89692 11	11.27213 28.59914 12 43.25767 21.04543 12 46.12384 27.46904 12 55.13932 59.89692 12	11.56447 28.59914 13 45.04466 21.04543 13 47.66229 27.46904 13 55.94138 59.89692 13	11.49431 28.59914 45.57383 21.04543 14 47.9426 27.46904 57.5553 59.89692 14	11.50793 28.59914 15 46.19662 21.04543 15 47.98571 27.46904 15 57.18925 59.89692	11.57348 28.59914 16 46.58455 21.04543 16 48.4278 27.46904 16 56.87408 59.89692 16	11.10628 28.59914 40.8063 21.04543 43.98102 27.46904 53.17687 59.89692	0.388343 1.938963 1.601113 0.887806
MTEPS (parallel n) MTEPS (serial 1) R-MAT 1 MTEPS (parallel n) MTEPS (serial 1) R-MAT 2 MTEPS (parallel n) MTEPS (serial 1) R-MAT 3 MTEPS (parallel n) MTEPS (parallel n) MTEPS (serial 1)	11.2308 28.59914 10 41.34642 21.04543 10 44.40742 27.46904 10 53.15512 59.89692 10 47.00109	11.22263 28.59914 11 42.78034 21.04543 11 45.14268 27.46904 11 54.41378 59.89692	11.27213 28.59914 12 43.25767 21.04543 12 46.12384 27.46904 12 55.13932 59.89692 12 47.23204	11.56447 28.59914 13 45.04466 21.04543 47.66229 27.46904 13 55.94138 59.89692 13 47.04309	11.49431 28.59914 45.57383 21.04543 14 47.9426 27.46904 57.5553 59.89692 14 47.54143	11.50793 28.59914 15 46.19662 21.04543 15 47.98571 27.46904 15 57.18925 59.89692 15 46.73739	11.57348 28.59914 16 46.58455 21.04543 16 48.4278 27.46904 16 56.87408 59.89692 16 46.87887	11.10628 28.59914 40.8063 21.04543 43.98102 27.46904 53.17687 59.89692 45.33251	0.388343 1.938963 1.601113
MTEPS (parallel n) MTEPS (serial 1) R-MAT 1 MTEPS (parallel n) MTEPS (serial 1) R-MAT 2 MTEPS (parallel n) MTEPS (serial 1) R-MAT 3 MTEPS (parallel n) MTEPS (serial 1) roadNet-CA MTEPS (parallel n)	11.2308 28.59914 10 41.34642 21.04543 10 44.40742 27.46904 10 53.15512 59.89692 10 47.00109 52.71347	11.22263 28.59914 11 42.78034 21.04543 11 45.14268 27.46904 11 54.41378 59.89692 11 45.53705 52.71347	11.27213 28.59914 12 43.25767 21.04543 12 46.12384 27.46904 12 55.13932 59.89692 12 47.23204 52.71347	11.56447 28.59914 13 45.04466 21.04543 47.66229 27.46904 13 55.94138 59.89692 13 47.04309 52.71347	11.49431 28.59914 45.57383 21.04543 14 47.9426 27.46904 57.5553 59.89692 14 47.54143 52.71347	11.50793 28.59914 15 46.19662 21.04543 15 47.98571 27.46904 15 57.18925 59.89692 15 46.73739 52.71347	11.57348 28.59914 16 46.58455 21.04543 16 48.4278 27.46904 16 56.87408 59.89692 16 46.87887 52.71347	11.10628 28.59914 40.8063 21.04543 43.98102 27.46904 53.17687 59.89692 45.33251 52.71347 9	0.388343 1.938963 1.601113 0.887806
MTEPS (parallel n) MTEPS (serial 1) R-MAT 1 MTEPS (parallel n) MTEPS (serial 1) R-MAT 2 MTEPS (parallel n) MTEPS (serial 1) R-MAT 3 MTEPS (parallel n) MTEPS (serial 1) roadNet-CA MTEPS (parallel n) MTEPS (serial 1)	11.2308 28.59914 10 41.34642 21.04543 10 44.40742 27.46904 10 53.15512 59.89692 10 47.00109 52.71347	11.22263 28.59914 11 42.78034 21.04543 11 45.14268 27.46904 11 54.41378 59.89692 11 45.53705 52.71347	11.27213 28.59914 12 43.25767 21.04543 12 46.12384 27.46904 12 55.13932 59.89692 12 47.23204 52.71347	11.56447 28.59914 13 45.04466 21.04543 47.66229 27.46904 13 55.94138 59.89692 13 47.04309 52.71347	11.49431 28.59914 45.57383 21.04543 14 47.9426 27.46904 57.5553 59.89692 14 47.54143 52.71347	11.50793 28.59914 15 46.19662 21.04543 15 47.98571 27.46904 15 57.18925 59.89692 15 46.73739 52.71347	11.57348 28.59914 16 46.58455 21.04543 16 48.4278 27.46904 16 56.87408 59.89692 16 46.87887 52.71347	11.10628 28.59914 40.8063 21.04543 43.98102 27.46904 53.17687 59.89692 45.33251 52.71347 9	0.388343 1.938963 1.601113 0.887806 0.85998
MTEPS (parallel n) MTEPS (serial 1) R-MAT 1 MTEPS (parallel n) MTEPS (serial 1) R-MAT 2 MTEPS (parallel n) MTEPS (serial 1) R-MAT 3 MTEPS (parallel n) MTEPS (serial 1) roadNet-CA MTEPS (parallel n) MTEPS (serial 1) soc-LiveJournal	11.2308 28.59914 10 41.34642 21.04543 10 44.40742 27.46904 10 53.15512 59.89692 10 47.00109 52.71347 10 59.48805	11.22263 28.59914 11 42.78034 21.04543 11 45.14268 27.46904 11 54.41378 59.89692 11 45.53705 52.71347	11.27213 28.59914 12 43.25767 21.04543 12 46.12384 27.46904 12 55.13932 59.89692 12 47.23204 52.71347 12 61.85294	11.56447 28.59914 13 45.04466 21.04543 13 47.66229 27.46904 13 55.94138 59.89692 13 47.04309 52.71347 13 62.78445	11.49431 28.59914 45.57383 21.04543 14 47.9426 27.46904 57.5553 59.89692 14 47.54143 52.71347 14 62.82623	11.50793 28.59914 15 46.19662 21.04543 15 47.98571 27.46904 15 57.18925 59.89692 15 46.73739 52.71347 15 63.15883	11.57348 28.59914 16 46.58455 21.04543 16 48.4278 27.46904 16 56.87408 59.89692 16 46.87887 52.71347 16 63.51599	11.10628 28.59914 40.8063 21.04543 43.98102 27.46904 53.17687 59.89692 45.33251 52.71347 9 58.98332	0.388343 1.938963 1.601113 0.887806
MTEPS (parallel n) MTEPS (serial 1) R-MAT 1 MTEPS (parallel n) MTEPS (serial 1) R-MAT 2 MTEPS (parallel n) MTEPS (serial 1) R-MAT 3 MTEPS (parallel n) MTEPS (serial 1) roadNet-CA MTEPS (parallel n) MTEPS (serial 1) soc-LiveJournal MTEPS (parallel n)	11.2308 28.59914 10 41.34642 21.04543 10 44.40742 27.46904 10 53.15512 59.89692 10 47.00109 52.71347 10 59.48805 54.15113	11.22263 28.59914 11 42.78034 21.04543 11 45.14268 27.46904 11 54.41378 59.89692 11 45.53705 52.71347 11 60.22419 54.15113	11.27213 28.59914 12 43.25767 21.04543 12 46.12384 27.46904 12 55.13932 59.89692 12 47.23204 52.71347 12 61.85294 54.15113	11.56447 28.59914 13 45.04466 21.04543 47.66229 27.46904 13 55.94138 59.89692 13 47.04309 52.71347 13 62.78445 54.15113	11.49431 28.59914 45.57383 21.04543 14 47.9426 27.46904 57.5553 59.89692 14 47.54143 52.71347 14 62.82623 54.15113	11.50793 28.59914 15 46.19662 21.04543 15 47.98571 27.46904 15 57.18925 59.89692 15 46.73739 52.71347 15 63.15883 54.15113	11.57348 28.59914 16 46.58455 21.04543 16 48.4278 27.46904 16 56.87408 59.89692 16 46.87887 52.71347 16 63.51599 54.15113	11.10628 28.59914 40.8063 21.04543 43.98102 27.46904 53.17687 59.89692 45.33251 52.71347 9 58.98332 54.15113	0.388343 1.938963 1.601113 0.887806 0.85998
MTEPS (parallel n) MTEPS (serial 1) R-MAT 1 MTEPS (parallel n) MTEPS (serial 1) R-MAT 2 MTEPS (parallel n) MTEPS (serial 1) R-MAT 3 MTEPS (parallel n) MTEPS (serial 1) roadNet-CA MTEPS (parallel n) MTEPS (serial 1) soc-LiveJournal MTEPS (parallel n) MTEPS (serial 1) web-Stanford MTEPS (parallel n)	11.2308 28.59914 10 41.34642 21.04543 10 44.40742 27.46904 10 53.15512 59.89692 10 47.00109 52.71347 10 59.48805 54.15113 10 39.93772	11.22263 28.59914 11 42.78034 21.04543 11 45.14268 27.46904 11 54.41378 59.89692 11 45.53705 52.71347 11 60.22419 54.15113 11 40.64984	11.27213 28.59914 12 43.25767 21.04543 12 46.12384 27.46904 12 55.13932 59.89692 12 47.23204 52.71347 12 61.85294 54.15113 12 42.0481	11.56447 28.59914 13 45.04466 21.04543 47.66229 27.46904 13 55.94138 59.89692 13 47.04309 52.71347 13 62.78445 54.15113 13 42.57745	11.49431 28.59914 45.57383 21.04543 14 47.9426 27.46904 57.5553 59.89692 14 47.54143 52.71347 14 62.82623 54.15113 14 44.17612	11.50793 28.59914 15 46.19662 21.04543 15 47.98571 27.46904 15 57.18925 59.89692 15 46.73739 52.71347 15 63.15883 54.15113 15 44.70099	11.57348 28.59914 16 46.58455 21.04543 16 48.4278 27.46904 16 56.87408 59.89692 16 46.87887 52.71347 16 63.51599 54.15113 16 41.27974	11.10628 28.59914 40.8063 21.04543 43.98102 27.46904 53.17687 59.89692 45.33251 52.71347 9 58.98332 54.15113 39.8431	0.388343 1.938963 1.601113 0.887806 0.85998 1.089235
MTEPS (parallel n) MTEPS (serial 1) R-MAT 1 MTEPS (parallel n) MTEPS (serial 1) R-MAT 2 MTEPS (parallel n) MTEPS (serial 1) R-MAT 3 MTEPS (parallel n) MTEPS (serial 1) roadNet-CA MTEPS (parallel n) MTEPS (serial 1) soc-LiveJournal MTEPS (parallel n) MTEPS (serial 1) web-Stanford	11.2308 28.59914 10 41.34642 21.04543 10 44.40742 27.46904 10 53.15512 59.89692 10 47.00109 52.71347 10 59.48805 54.15113 10 39.93772	11.22263 28.59914 11 42.78034 21.04543 11 45.14268 27.46904 11 54.41378 59.89692 11 45.53705 52.71347 11 60.22419 54.15113	11.27213 28.59914 12 43.25767 21.04543 12 46.12384 27.46904 12 55.13932 59.89692 12 47.23204 52.71347 12 61.85294 54.15113 12 42.0481	11.56447 28.59914 13 45.04466 21.04543 47.66229 27.46904 13 55.94138 59.89692 13 47.04309 52.71347 13 62.78445 54.15113 13 42.57745	11.49431 28.59914 45.57383 21.04543 14 47.9426 27.46904 57.5553 59.89692 14 47.54143 52.71347 14 62.82623 54.15113 14 44.17612	11.50793 28.59914 15 46.19662 21.04543 15 47.98571 27.46904 15 57.18925 59.89692 15 46.73739 52.71347 15 63.15883 54.15113 15 44.70099	11.57348 28.59914 16 46.58455 21.04543 16 48.4278 27.46904 16 56.87408 59.89692 16 46.87887 52.71347 16 63.51599 54.15113 16 41.27974	11.10628 28.59914 40.8063 21.04543 43.98102 27.46904 53.17687 59.89692 45.33251 52.71347 9 58.98332 54.15113 39.8431	0.388343 1.938963 1.601113 0.887806 0.85998



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