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Assignment 9

11/22/2016

Optimization Charts.pdf

Static Instructions											
Optimization	Banner	Cal	Echo	Find	Half	Queens	Square	WC	Average		
-U	1	.996	1	1	.944	1	1	1	.993		
-C	1	1	1	1	1	1	1	1	1		
-B	.988	.975	.991	.957	1	.977	1	.989	.985		
-R	1	1	1	1	1	1	1	1	1		
-0	1	1	1	1	1	1	1	1	1		
-D	1	1	1	1	1	1	1	1	1		
-P	1	1	1	1	1	1	1	1	1		
-M	1.02	1.04	1.03	1.021	1	1.089	1	1.059	1.032		
-E	1	1	1	1	1	1	1	1	1		
-F	.953	.92	.939	.914	.944	.972	.95	.933	.94		

Dynamic Instructions											
Optimization	Banner	Cal	Echo	Find	Half	Queens	Square	WC	Average		
-U	1	1	1	1	1	1	1	1	1		
-C	.988	.979	1	1	1	1	1	.999	.995		
-B	.991	.98	.982	1	1	.97	1	.983	.988		
-R	1	1	1	1	1	1	1	1	1		
-0	1	1	1	1	1	1	1	1	1		
-D	1	1	.982	1	1	1	1	1	.997		
-P	.999	.999	1	1	1	1	1	1	.999		
-M	1.002	1.001	1.035	1.005	1	1.044	1	1.001	1.011		
-E	1	1	1	1	1	1	1	1	1		
-F	.991	.909	.947	.984	.941	.994	.95	.973	.961		

Memory References

Optimization	Banner	Cal	Echo	Find	Half	Queens	Square	WC	Average
-U	1	1	1	1	1	1	1	1	1
-C	1	1	1	1	1	1	1	1	1
-B	1	1	1	1	1	1	1	1	1
-R	.119	.191	.358	.333	.437	.253	1	.494	.398
-0	1	1	1	1	1	1	1	1	1
-D	1	1	1	1	1	1	1	1	1
-P	1	1	1	1	1	1	1	1	1
-M	1	1	1	1	1	1	1	1	1
-E	1	1	1	1	1	1	1	1	1
-F	1	1	1	1	1	1	1	1	1

Static Instructions										
Optimization	Banner	Cal	Echo	Find	Half	Queens	Square	WC	Average	
-U	1	.996	1	1	.944	1	1	1	.993	
-UC	1	.996	1	1	.944	1	1	1	.993	
-UCB	.988	.971	.991	.957	.944	.977	1	.989	.977	
- UCBR	.988	.971	.991	.957	.944	.977	1	.989	.977	
- UCBRO	.988	.971	.991	.957	.944	.977	1	.989	.977	
- UCBROD	.853	.841	.852	.893	.833	.798	1	.891	.87	
- UCBRODP	.818	.814	.834	.872	.805	.765	1	.881	.849	
-UCBBRODPM	.837	.85	.843	.892	.805	.854	1	.951	.879	
- UCBRODPME	.826	.792	.808	.836	.805	.748	1	.891	.838	
-UCBRODPMEF	.779	.699	.747	.765	.75	.692	.95	.818	.775	

Dynamic Instructions										
Optimization	Banner	Cal	Echo	Find	Half	Queens	Square	WC	Average	
-U	1	1	1	1	1	1	1	1	1	
-UC	.988	.979	1	1	1	1	1	.983	.993	
-UCB	.98	.971	.982	.953	1	.97	1	.983	.98	
- UCBR	.98	.971	.982	.953	1.117	.97	1	.983	.995	
- UCBRO	.98	.971	.982	.953	1.117	.97	1	.983	.995	
- UCBROD	.744	.86	.796	.843	.888	.802	1	.85	.848	
- UCBRODP	.736	.817	.787	.792	.861	.765	1	.824	.823	
-UCBBRODPM	.738	.818	.832	.802	.861	.812	1	.824	.836	
- UCBRODPME	.727	.795	.725	.651	.861	.64	1	.737	.767	
-UCBRODPMEF	.719	.703	.672	.583	.852	.596	.95	.656	.716	

Memory References											
Optimization	Banner	Cal	Echo	Find	Half	Queens	Square	WC	Average		
-U	1	1	1	1	1	1	1	1	1		
-UC	1	1	1	1	1	1	1	1	1		
-UCB	1	1	1	1	1	1	1	1	1		
- UCBR	.119	.191	.358	.33	.437	.253	1	.494	.398		
- UCBRO	.119	.191	.358	.33	.437	.253	1	.494	.398		
- UCBROD	.119	.191	.358	.33	.437	.253	1	.494	.398		
- UCBRODP	.119	.191	.358	.33	.437	.253	1	.494	.398		
-UCBBRODPM	.119	.191	.358	.19	.437	.253	1	.494	.38		
- UCBRODPME	.119	.191	.358	.19	.437	.253	1	.494	.38		
-UCBRODPMEF	.119	.191	.358	.19	.437	.253	1	.494	.38		