

	<b>BASELINE</b>	<b>LOOP FUSION</b>	<b>LOOP INTERCHANGE</b>
<b>cycles</b>	<b>456,630,187,309</b>	<b>352,055,974,458</b>	<b>31,761,921,859</b>
<b>instructions</b>	<b>61,131,258,235</b>	<b>55,774,249,212</b>	<b>44,886,458,554</b>
<b>cache-misses</b>	<b>10,784,618,622</b>	<b>8,288,176,850</b>	<b>46,702,290</b>
<b>task-clock [msec]</b>	<b>135,997.80</b>	<b>104,800.99</b>	<b>9,491.75</b>
<b>clock frequency [GHz]</b>	<b>3.358</b>	<b>3.359</b>	<b>3.346</b>
<b>insn per second</b>	<b>0.13</b>	<b>0.16</b>	<b>1.41</b>
<b>CPUs utilized</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
<b>time elapsed</b>	<b>136.03361311</b>	<b>104.8290996</b>	<b>9.49555139</b>
<b>seconds user</b>	<b>135.78948300</b>	<b>104.7205230</b>	<b>9.405289</b>
<b>seconds sys</b>	<b>0.208946</b>	<b>0.080978</b>	<b>0.086974</b>

**STRENGTH REDUCTION****31,955,399,767****44,827,367,532****45,149,626****9,503.76****3.362****1.4****1.000****9.507661444****9.446708****0.05698****DOUBLE BUFFER****25,975,165,024****49,815,275,781****15,171,065****7,733.82****3.359****1.92****1.000****7.73732836****7.579452****0.154968****CODE MOTION****24,366,546,148****46,172,785,443****11,934,386****7,370.24****3.306****1.89****1.000****7.373770054****7.316808****0.053998****STATIC BIG MATRIX****24,882,994,103****41,952,899,606****13,949,362****7,432.88****3.348****1.69****1.000****7.436169378****7.413418****0.019995**