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BenchmarkDotNet=v0.10.14, OS=Windows 10.0.15063.1155 (1703/CreatorsUpdate/Redstone2)
Intel Core i7-7700 CPU 3.60GHz (Kaby Lake), 1 CPU, 8 logical and 4 physical cores
Frequency=3515623 Hz, Resolution=284.4446 ns, Timer=TSC
.NET Core SDK=2.1.300
[Host]      : .NET Core 2.1.0 (CoreCLR 4.6.26515.07, CoreFX 4.6.26515.06), 64bit
RyuJIT
DefaultJob : .NET Core 2.1.0 (CoreCLR 4.6.26515.07, CoreFX 4.6.26515.06), 64bit
RyuJIT

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| Method | Mean | Error | StdDev |
|---------------------------|-----------|-----------|-----------|
| NativeDotUPerf | 11.731 ns | 0.0268 ns | 0.0238 ns |
| MyDotUPerf | 8.533 ns | 0.0623 ns | 0.0553 ns |
| NativeDotSUPerf | 22.446 ns | 0.1104 ns | 0.0979 ns |
| MyDotSUPerf | 24.738 ns | 0.0406 ns | 0.0317 ns |
| NativeSumSqUPerf | 9.458 ns | 0.0361 ns | 0.0337 ns |
| MySumSqUPerf | 6.732 ns | 0.0195 ns | 0.0163 ns |
| NativeAddUPerf | 11.360 ns | 0.0397 ns | 0.0352 ns |
| MyAddUPerf | 7.701 ns | 0.0179 ns | 0.0159 ns |
| NativeAddSUPerf | 25.830 ns | 0.0649 ns | 0.0542 ns |
| MyAddSUPerf | 31.606 ns | 0.1006 ns | 0.0941 ns |
| NativeAddScaleUPerf | 12.868 ns | 0.2070 ns | 0.1835 ns |
| MyAddScaleUPerf | 7.956 ns | 0.0389 ns | 0.0345 ns |
| NativeAddScaleSUPerf | 26.151 ns | 0.0525 ns | 0.0410 ns |
| MyAddScaleSUPerf | 32.471 ns | 0.1615 ns | 0.1348 ns |
| NativeScaleUPerf | 10.051 ns | 0.2277 ns | 0.2019 ns |
| MyScaleUPerf | 5.859 ns | 0.0224 ns | 0.0210 ns |
| NativeDist2Perf | 14.102 ns | 0.0328 ns | 0.0307 ns |
| MyDist2Perf | 8.972 ns | 0.0451 ns | 0.0421 ns |
| NativeSumAbsUPerf | 10.087 ns | 0.0147 ns | 0.0137 ns |
| MySumAbsqUPerf | 6.645 ns | 0.0264 ns | 0.0234 ns |
| NativeMulElementWiseUPerf | 17.763 ns | 0.0304 ns | 0.0254 ns |
| MyMulElementWiseUPerf | 15.664 ns | 0.0597 ns | 0.0530 ns |