	Category	Description	U	М	Р	С	F	Ι	R	Ί
ann	Apps	ANN training	Х	X			Х			X
canny	Apps	Canny edge detector	Х	Х			Х	Х		X
img_scaling	Apps	Bicubic image scaling algorithm	Х				Х	Х		X
jpeg_compress	Apps	RGB JPEG compressor	Х	Х		Х		Х		X
latnav	Apps	Aircraft autopilot with cascade PID controllers	Х	Х			Х			X
acas	Apps	Modern airbone collision avoidance system algorithm	Х	Х			Х			þ
matrix_mult	Kernels	Matrix multiplication	Х				Х			
lu_dec	Kernels	Matrix LU decomposition	Х				Х			
matrix_det	Kernels	Matrix determinant computation	Х				Х			
matrix_inv	Kernels	Matrix inverse computation	Х				Х			
erode	Kernels	Morphological erosion on binary image	Х					Х		
dilate	Kernels	Morphological dilation on binary image	Х					Х		
avg_filter	Kernels	Average filtering on grayscale image	Х				Х	Х		
avg_filter_RGB	Kernels	Average filtering on RGB image	Х		X	X	Х	X		
gauss_filter	Kernels	Gaussian filtering on a grayscale image	X	Х			X	X		İ
gauss_filter_RGB	Kernels	Gaussian filtering on a RGB image	Х	X	X	X	X	X		T
binary_tree_sort	Kernels	Binary tree sort algorithm	X	Ė	Ė	Ė	X	Ė		X
bogo_sort	Kernels	Bogo sort algorithm	X				X			χ
bubble_sort	Kernels	Bubble sort algorithm	X	t			×			λ
insertion_sort	Kernels	Insertion sort algorithm	X				X			λ
arallel_merge_sort	Kernels	Parallel sorting algorithm	X		Х	Х	X			χ
quick_sort	Kernels	Quick sort algorithm	X		Ė	Ė	X		Х	λ
fft	Kernels	FFT Cooley–Tukey algorithm	X	X			X		Ė	Ė
dct	Kernels	DCT	X	X			×			t
biquad	Kernels	Biquad filter	X	X			X			
fir_avg	Kernels	Average filter	X	X			X			H
crc_32	Kernels	CRC32 computation	X	Ė			Ė			
knn	Kernels	k-nearest neighbors(k-NN) classification algorithm	X	X		X	X			İ
md5	Kernels	MD5 computation	X	Ė		Ė				t
zo_adamm	Kernels	ZO-ADAMM[2] optimization algorithm	X	X		X	Х			X
array_stats	Basic	Computes simple statistics for two arrays	Х	Х	H		Х			T
binary_search	Basic	Binary search algorithm	X	 			X			X
bsqrt	Basic	Square root through Babylonian method	X		\vdash		X			X
eq_root	Basic	Complex root computation	X	Х	\vdash		X	\vdash		<i>x</i>
exp_int	Basic	Ei(x) computation	X	X			X			<i>x</i>
fibonacci	Basic	Fibonacci's sequence	X	 	\vdash		i –		Х	
matrix_nn	Basic	Counts non-negative elements inside a matrix	X				Х		<u> </u>	X
mc_integral	Basic	Computes integral using Monte Carlo method	X				X			X
multi_search	Basic	Searches for an element inside a matrix	X	\vdash	\vdash	\vdash	X	\vdash		<i>x</i>
select nmax	Basic	Finds the n-th grater element inside an array	X				X			<i>x</i>
unstruct	Basic	Example of unstructured code	X				<u> </u>			7
			-	\vdash	\vdash					-
dist_exp	Synthetic	Exponential-distributed execution time	X			X	X			,
dist_gamma	Synthetic	Gamma-distributed execution time	X			X	X			,
dist_normal dist_uniform	Synthetic	Gaussian-distributed execution time	X			X	Х			,
	Synthetic	Uniform-distributed execution time multi-path program, M = benchmark makes u	X			X				7