## Supplementary Material for "Less is More: A Small-Scale Learning Particle Swarm Optimization for Large-Scale Optimization"

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TABLE S.I
EXPERIMENTAL COMPARISON RESULTS OF SSLPSO WITH THE TOP ALGORITHMS OF THE CEC2010 AND CEC2012 COMPETITIONS

FUN	SSLPSO	MA-SW-Chains	MOS	jDElsgo	CCGS
1011	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std
$f_1$	$0.00E+00 \pm 0.00E+00$	2.10E-14 ± 1.99E-14 (+)	$0.00E+00 \pm 0.00E+00 (\approx)$	$8.86\text{E}-20 \pm 4.51\text{E}-20 \text{ (+)}$	1.83E-22 ± 3.68E-22 (+)
$f_2$	6.22E+02 ± 3.54E+01	8.10E+02 ± 5.88E+01 (+)	1.97E+02 ± 1.59E+01 (-)	1.25E-01 ± 3.45E-01 (-)	4.44E-02 ± 1.99E-01 (-)
$f_3$	$4.53\text{E}-14 \pm 4.62\text{E}-15$	$7.28E-13 \pm 3.40E-13 (+)$	$1.12E+00 \pm 1.00E+00 (+)$	$3.81E-12 \pm 5.02E-12 (+)$	1.91E-01 ± 4.49E-01 (+)
$f_4$	4.25E+10 ± 8.99E+09	3.53E+11 ± 3.12E+10 (+)	$1.91\text{E}+10 \pm 8.08\text{E}+09$ (-)	8.06E+10 ± 3.08E+10 (+)	1.79E+12 ± 7.62E+11 (+)
$f_5$	2.78E+08 ± 8.90E+06	1.68E+08 ± 1.04E+08 (-)	$6.81E+08 \pm 1.42E+08 (+)$	9.72E+07 ± 1.44E+07 (-)	1.97E+07 ± 4.69E+06 (-)
$f_6$	1.62E+01 ± 7.38E+00	8.14E+04 ± 2.84E+05 (+)	$1.99E+07 \pm 5.67E+04 (+)$	1.70E-08 ± 4.03E-08 (-)	2.88E+06 ± 4.87E+05 (+)
$f_7$	1.26E-17 ± 1.76E-17	$1.03E+02 \pm 8.70E+01 (+)$	$0.00E+00 \pm 0.00E+00$ (-)	$1.31\text{E-}02 \pm 6.82\text{E-}02 \text{ (+)}$	$1.37E+02 \pm 1.16E+02 (+)$
$f_8$	$3.32E+03 \pm 2.44E+03$	1.41E+07 ± 3.68E+07 (+)	$1.12E+06 \pm 1.79E+06 (+)$	3.15E+06 ± 3.27E+06 (+)	2.81E+07 ± 3.14E+07 (+)
$f_9$	5.29E+06 ± 5.44E+05	$1.41E+07 \pm 1.15E+06 (+)$	8.78E+06 ± 1.01E+06 (+)	$3.11E+07 \pm 5.00E+06 (+)$	$5.53E+07 \pm 9.60E+06 (+)$
$f_{10}$	$7.24E+02 \pm 3.58E+01$	2.07E+03 ± 1.44E+02 (+)	$7.86E+03 \pm 2.43E+02 (+)$	2.64E+03 ± 3.19E+02 (+)	4.74E+03 ± 2.45E+03 (+)
$f_{11}$	$1.83E+00 \pm 5.59E+00$	3.80E+01 ± 7.35E+00 (+)	1.99E+02 ± 4.52E-01 (+)	2.20E+01 ± 1.53E+01 (+)	2.99E+01 ± 3.98E+00 (+)
$f_{12}$	1.42E+02 ± 5.51E+01	3.62E-06 ± 5.92E-07 (-)	$0.00E+00 \pm 0.00E+00$ (-)	$1.21E+04 \pm 2.04E+03 (+)$	5.35E+03 ± 4.39E+02 (+)
$f_{13}$	1.18E+02 ± 5.86E+01	1.25E+03 ± 5.72E+02 (+)	$1.36E+03 \pm 9.37E+02 (+)$	7.11E+02 ± 1.37E+02 (+)	$1.51E+03 \pm 6.94E+02 (+)$
$f_{14}$	1.69E+07 ± 9.26E+05	3.11E+07 ± 1.93E+06 (+)	1.82E+07 ± 1.18E+06 (+)	1.69E+08 ± 2.08E+07 (+)	1.35E+08 ± 9.05E+06 (+)
$f_{15}$	1.02E+04 ± 6.48E+01	2.74E+03 ± 1.22E+02 (-)	$1.54E+04 \pm 5.36E+02 (+)$	5.84E+03 ± 4.48E+02 (-)	$1.74E+03 \pm 8.94E+01$ (-)
$f_{16}$	1.61E-13 ± 3.51E-15	9.98E+01 ± 1.40E+01 (+)	3.97E+02 ± 2.10E-01 (+)	1.44E+02 ± 3.43E+01 (+)	3.11E+01 ± 5.22E+00 (+)
$f_{17}$	8.82E+03 ± 1.93E+03	$1.24\text{E}+00 \pm 1.25\text{E}-01$ (-)	$4.66\text{E}\text{-}05 \pm 6.24\text{E}\text{-}06 \text{ (-)}$	$1.02E+05 \pm 1.26E+04 (+)$	$1.48E+04 \pm 1.02E+03 (+)$
$f_{18}$	$5.53E+02 \pm 1.09E+02$	$1.30E+03 \pm 4.36E+02 (+)$	$3.91E+03 \pm 2.18E+03 (+)$	$1.85E+03 \pm 3.18E+02 (+)$	$3.13E+03 \pm 1.01E+03 (+)$
$f_{19}$	1.28E+07 ± 1.10E+06	2.85E+05 ± 1.78E+04 (-)	$3.41\text{E}+04 \pm 2.63\text{E}+03$ (-)	2.74E+05 ± 2.12E+04 (-)	5.93E+05 ± 4.21E+04 (-)
$f_{20}$	8.33E+02 ± 1.77E+01	1.07E+03 ± 7.29E+01 (+)	$8.31E+02 \pm 3.76E+02$ (-)	1.53E+03 ± 1.32E+02 (+)	$1.31E+03 \pm 2.14E+02 (+)$
+(SSLl	PSO is significantly better)	15	12	15	16
-(SSLF	SO is significantly worse)	5	7	5	4
	≈	0	1	0	0

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TABLE S.II Optimization Results on the 1000-D IEEE CEC2013 Test Suite with the Different Fixed Values of NP and  $\varphi$ 

	SSLPSO	NP=1000, φ=0.7	$NP=1000, \varphi=0.6$	NP=1000, $φ$ =0.4	NP=1000, φ=0.2	NP=800, φ=0.7	NP=800, $φ$ =0.6
FUN	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std
$F_1$	0.00E+00 + 0.00E+00	3.26E+07 ± 8.87E+05(+)	1.19E+04 ± 5.18E+02(+)	5.74E-22 ± 3.57E-23(+)	9.38E-23 ± 7.14E-24(+)	1.89E+07 ± 5.62E+05(+)	7.53E+02 ± 5.80E+01(+)
$F_2$	7.46E+02 ± 5.87E+01	1.26E+04 ± 1.09E+02(+)	1.11E+04 ± 7.97E+01(+)	5.95E+02 ± 5.12E+01(-)	6.33E+02 ± 2.66E+01(-)	1.25E+04 ± 1.25E+02(+)	1.10E+04 ± 8.57E+01(+)
F <sub>3</sub>	2.16E+01 ± 6.83E-03	2.16E+01 ± 5.88E-03(≈)	2.16E+01 ± 6.82E-03(≈)	2.16E+01 ± 4.29E-03(≈)	2.16E+01 ± 6.78E-03(≈)	2.16E+01 ± 6.21E-03(≈)	2.16E+01 ± 5.98E-03(≈)
F <sub>4</sub> F <sub>5</sub>	2.54E+08 ± 4.75E+07 4.81E+05 ± 7.62E+04	1.20E+11 ± 1.50E+10(+) 7.74E+06 ± 1.70E+05(+)	2.16E+10 ± 4.51E+09(+) 7.28E+06 ± 2.73E+05(+)	1.22E+09 ± 3.51E+08(+) 2.57E+06 ± 3.09E+06(≈)	9.57E+08 ± 2.17E+08(+) 2.02E+06 ± 2.72E+06(≈)	9.80E+10 ± 1.42E+10(+) 7.72E+06 ± 2.61E+05(+)	2.03E+10 ± 3.28E+09(+) 7.33E+06 ± 1.99E+05(+)
F <sub>6</sub>	1.06E+06 ± 1.27E+03	1.06E+06 ± 1.70E+03(≈)	1.06E+06 ± 7.69E+02(≈)	2.37E+06 ± 3.09E+06(≈) 1.06E+06 ± 1.62E+03(≈)	2.02E+06 ± 2.72E+06(≈) 1.06E+06 ± 8.99E+02(≈)	1.06E+06 ± 2.01E+05(+) 1.06E+06 ± 9.30E+02(≈)	1.06E+06 ± 1.14E+03(≈)
F <sub>7</sub>	3.01E+05 ± 3.84E+05	1.45E+09 ± 2.29E+08(+)	6.53E+08 ± 2.05E+08(+)	9.45E+05 ± 4.77E+05(+)	2.15E+05 ± 1.01E+05(≈)	1.43E+09 ± 2.93E+08(+)	6.04E+08 ± 2.41E+08(+)
F <sub>8</sub>	1.27E+13 ± 2.19E+12	3.60E+14 ± 5.21E+13(+)	1.32E+14 ± 2.55E+13(+)	3.66E+13 ± 8.20E+12(+)	3.69E+13 ± 9.09E+12(+)	3.38E+14 ± 7.33E+13(+)	9.67E+13 ± 2.36E+13(+)
F <sub>9</sub>	3.63E+07 ± 5.92E+06	5.82E+08 ± 1.50E+07(+)	5.46E+08 ± 1.47E+07(+)	5.09E+07 ± 8.56E+07(≈)	3.22E+07 ± 5.21E+06(-)	5.74E+08 ± 2.39E+07(+)	5.38E+08 ± 2.65E+07(+)
F <sub>10</sub>	9.40E+07 ± 2.66E+05	9.40E+07 ± 2.37E+05(≈)	9.40E+07 ± 1.77E+05(≈)	9.41E+07 ± 2.11E+05(≈)	9.40E+07 ± 2.81E+05(≈)	9.40E+07 ± 2.48E+05(≈)	9.41E+07 ± 1.78E+05(≈)
F <sub>11</sub>	4.29E+06 ± 2.80E+06	3.36E+10 ± 5.77E+09(+)	1.98E+10 ± 6.55E+09(+)	7.85E+08 ± 3.34E+08(+)	2.38E+08 ± 6.55E+07(+)	3.09E+10 ± 7.74E+09(+)	2.43E+10 ± 1.12E+10(+)
F <sub>12</sub>	8.94E+02 ± 2.51E+01	1.68E+10 ± 8.76E+08(+)	2.14E+07 ± 2.10E+06(+)	9.78E+02 ± 1.33E+01(+)	9.76E+02 ± 1.56E+01(+)	1.32E+10 ± 7.51E+08(+)	3.34E+06 ± 4.61E+05(+)
F <sub>13</sub>	3.49E+06 ± 3.19E+06	8.19E+10 ± 1.11E+10(+)	3.30E+10 ± 6.00E+09(+)	1.76E+09 ± 1.13E+09(+)	4.06E+08 ± 1.93E+08(+)	7.17E+10 ± 1.08E+10(+)	2.79E+10 ± 6.06E+09(+)
F <sub>14</sub>	8.47E+06 ± 1.05E+06	1.92E+11 ± 3.98E+10(+)	2.37E+10 ± 1.11E+10(+)	2.42E+08 ± 9.51E+07(+)	5.84E+07 ± 1.97E+07(+)	1.38E+11 ± 4.37E+10(+)	2.22E+10 ± 1.33E+10(+)
F <sub>15</sub>	4.70E+06 ± 7.95E+05	3.60E+08 ± 3.55E+07(+)	2.84E+08 ± 3.48E+07(+)	9.09E+07 ± 1.70E+07(+)	8.46E+07 ± 1.16E+07(+)	3.56E+08 ± 3.45E+07(+)	2.69E+08 ± 3.23E+07(+)
	SLPSO is significantly better)	12	12	9	8	12	12
	LPSO is significantly worse)	0	0	1	2	0	0
-(55	≈	3	3	5	5	3	3
	NP=800, φ=0.4	NP=800, φ=0.2	NP=600, φ=0.7	N P=600, φ=0.6	NP=600, $φ$ =0.4	NP=600, $φ$ =0.2	NP=400, φ=0.7
FUN	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std
$F_1$	7.95E-25 ± 1.12E-25(+)	1.86E-25 ± 2.12E-26(+)	8.11E+06 ± 3.51E+05(+)	1.94E+00 ± 1.82E-01(+)	0.00E+00 ± 0.00E+00(≈)	0.00E+00 ± 0.00E+00(≈)	1.49E+06 ± 7.19E+04(+)
$F_2$	7.65E+02 ± 5.09E+01(≈)	7.71E+02 ± 4.47E+01(+)	1.23E+04 ± 7.22E+01(+)	1.08E+04 ± 6.30E+01(+)	1.07E+03 ± 9.83E+01(+)	1.11E+03 ± 7.31E+01(+)	1.20E+04 ± 1.03E+02(+)
$F_3$	2.16E+01 ± 5.88E-03(≈)	2.16E+01 ± 5.11E-03(≈)	2.16E+01 ± 4.63E-03(≈)	2.16E+01 ± 5.29E-03(≈)	2.16E+01 ± 5.92E-03(≈)	2.16E+01 ± 7.11E-03(≈)	2.16E+01 ± 7.06E-03(≈)
$F_4$	7.28E+08 ± 1.48E+08(+)	6.55E+08 ± 1.30E+08(+)	7.03E+10 ± 8.53E+09(+)	1.53E+10 ± 3.26E+09(+)	4.90E+08 ± 9.33E+07(+)	4.67E+08 ± 1.03E+08(+)	4.72E+10 ± 1.19E+10(+)
$F_5$	2.03E+06 ± 2.81E+06(≈)	7.83E+05 ± 1.17E+06(+)	7.60E+06 ± 2.68E+05(+)	7.21E+06 ± 2.68E+05(+)	5.73E+05 ± 9.51E+04(+)	6.38E+05 ± 9.22E+04(+)	7.54E+06 ± 2.39E+05(+)
$F_6$	1.06E+06 ± 1.02E+03(≈)	1.06E+06 ± 9.40E+02(≈)	1.06E+06 ± 1.13E+03(≈)	1.06E+06 ± 9.19E+02(≈)	1.06E+06 ± 9.70E+02(≈)	1.06E+06 ± 1.01E+03(≈)	1.06E+06 ± 1.07E+03(≈)
$F_7$	2.88E+05 ± 1.43E+05(≈)	1.29E+05 ± 5.29E+04(-)	1.18E+09 ± 2.99E+08(+)	5.22E+08 ± 2.46E+08(+)	2.85E+05 ± 1.34E+05(≈)	2.37E+05 ± 1.14E+05(≈)	1.08E+09 ± 3.55E+08(+)
$F_8$	2.99E+13 ± 9.03E+12(+)	2.85E+13 ± 9.51E+12(+)	2.41E+14 ± 8.09E+13(+)	5.75E+13 ± 1.19E+13(+)	1.77E+13 ± 6.50E+12(+)	2.11E+13 ± 8.72E+12(+)	1.32E+14 ± 3.86E+13(+)
$F_9$	4.97E+07 ± 8.81E+07(≈)	3.50E+07 ± 5.39E+06(≈)	5.68E+08 ± 1.96E+07(+)	3.63E+08 ± 2.10E+08(+)	4.09E+07 ± 5.78E+06(+)	4.43E+07 ± 6.95E+06(+)	5.59E+08 ± 2.51E+07(+)
$F_{10}$	9.39E+07 ± 2.84E+05(≈)	9.40E+07 ± 2.52E+05(≈)	9.41E+07 ± 2.17E+05(≈)	9.41E+07 ± 2.01E+05(≈)	9.41E+07 ± 1.92E+05(≈)	9.40E+07 ± 2.57E+05(≈)	9.41E+07 ± 2.11E+05(+)
$F_{11}$	3.08E+08 ± 9.09E+07(+)	1.19E+08 ± 3.28E+07(+)	2.82E+10 ± 6.30E+09(+)	3.00E+10 ± 1.94E+10(+)	9.90E+07 ± 3.89E+07(+)	3.72E+07 ± 1.50E+07(+)	3.44E+10 ± 1.69E+10(+)
$F_{12}$	9.69E+02 ± 3.69E+01(+)	9.65E+02 ± 3.38E+01(+)	9.44E+09 ± 6.42E+08(+)	7.65E+04 ± 1.18E+04(+)	9.18E+02 ± 2.44E+01(+)	9.62E+02 ± 5.75E+01(+)	4.23E+09 ± 3.39E+08(+)
$F_{13}$	5.09E+08 ± 3.18E+08(+)	9.47E+07 ± 6.43E+07(+)	6.42E+10 ± 9.94E+09(+)	2.56E+10 ± 6.66E+09(+)	4.88E+07 ± 4.86E+07(+)	1.68E+07 ± 3.94E+07(+)	5.06E+10 ± 7.77E+09(+)
$F_{14}$	5.91E+07 ± 1.56E+07(+)	3.38E+07 ± 7.88E+06(+)	9.60E+10 ± 4.19E+10(+)	2.55E+10 ± 1.04E+10(+)	2.97E+07 ± 6.20E+06(+)	2.19E+07 ± 3.60E+06(+)	5.27E+10 ± 2.82E+10(+)
$F_{15}$	6.48E+07 ± 1.61E+07(+)	5.50E+07 ± 1.12E+07(+)	3.38E+08 ± 3.98E+07(+)	2.42E+08 ± 2.44E+07(+)	2.67E+07 ± 1.37E+07(+)	1.25E+07 ± 7.55E+06(+)	3.12E+08 ± 3.30E+07(+)
+	8	10	12	12	10	10	13
-	0	1 4	0 3	0	0	0 5	0 2
~	/	· ·	·			·	
FUN	$NP$ =400, $\varphi$ =0.6 Mean±Std	NP=400, φ=0.4 Mean±Std	$NP$ =400, $\varphi$ =0.2 Mean $\pm$ Std	$NP$ =200, $\varphi$ =0.7 Mean $\pm$ Std	$NP$ =200, $\varphi$ =0.6 Mean $\pm$ Std	$NP$ =200, $\varphi$ =0.4 Mean $\pm$ Std	$NP$ =200, $\varphi$ =0.2 Mean $\pm$ Std
E.	5.57E-08 ± 2.86E-08(+)	Mean±Std 0.00E+00 ± 0.00E+00(≈)	Mean±Std 1.83E-25 ± 1.00E-24(≈)	4.29E+03 ± 1.28E+04(+)	8.53E-20 ± 3.91E-19(+)	1.64E+07 ± 2.47E+07(+)	Mean±Std 1.14E+06 ± 1.73E+06(+)
$F_1$ $F_2$	1.04E+04 ± 1.26E+02(+)	1.82E+03 ± 1.30E+02(+)	1.93E+03 ± 1.41E+02(+)	1.10E+04 ± 1.44E+02(+)	1.99E+03 ± 1.64E+02(+)	4.76E+03 ± 3.01E+02(+)	5.29E+03 ± 3.53E+02(+)
F <sub>3</sub>	2.16E+01 ± 7.11E-03(≈)	2.16E+01 ± 5.36E-03(≈)	2.16E+01 ± 5.85E-03(≈)	2.16E+01 ± 7.74E-03(-)	2.16E+01 ± 7.50E-03(≈)	2.16E+01 ± 4.41E-03(≈)	2.16E+01 ± 7.31E-03(≈)
F <sub>4</sub>	8.44E+09 ± 2.26E+09(+)	4.12E+08 ± 9.08E+07(+)	4.14E+08 ± 1.07E+08(+)	1.33E+10 ± 4.64E+09(+)	1.63E+09 ± 4.64E+08(+)	1.58E+09 ± 8.40E+08(+)	1.41E+09 ± 5.86E+08(+)
F <sub>5</sub>	5.19E+06 ± 3.01E+06(+)	7.15E+05 ± 1.35E+05(+)	8.09E+05 ± 1.12E+05(+)	4.43E+06 ± 3.28E+06(+)	8.96E+05 ± 2.20E+05(+)	1.27E+06 ± 2.32E+05(+)	1.36E+06 ± 2.75E+05(+)
$F_6$	1.06E+06 ± 1.33E+03(≈)	1.06E+06 ± 1.10E+03(≈)	1.06E+06 ± 1.26E+03(≈)	1.06E+06 ± 9.36E+02(≈)	1.06E+06 ± 7.80E+02(≈)	1.06E+06 ± 1.08E+03(≈)	1.06E+06 ± 9.89E+02(≈)
$F_7$	1.94E+08 ± 1.11E+08(+)	2.50E+06 ± 4.50E+06(+)	1.69E+06 ± 7.55E+05(+)	6.00E+08 ± 3.92E+08(+)	5.05E+06 ± 1.72E+06(+)	1.15E+07 ± 7.22E+06(+)	1.10E+07 ± 1.49E+07(+)
$F_8$	4.38E+13 ± 1.40E+13(+)	1.53E+13 ± 4.51E+12(+)	1.49E+13 ± 4.80E+12(+)	3.71E+13 ± 1.41E+13(+)	9.89E+12 ± 3.60E+12(-)	1.13E+13 ± 2.63E+13(-)	2.07E+13 ± 4.59E+13(≈)
$F_9$	1.40E+08 ± 1.35E+08(+)	5.81E+07 ± 1.28E+07(+)	6.07E+07 ± 1.01E+07(+)	1.04E+08 ± 1.34E+07(+)	6.54E+07 ± 1.22E+07(+)	1.20E+08 ± 1.94E+07(+)	1.41E+08 ± 1.94E+07(+)
$F_{10}$	9.40E+07 ± 2.82E+05(≈)	9.41E+07 ± 2.43E+05(≈)	9.41E+07 ± 2.54E+05(≈)	9.41E+07 ± 2.15E+05(+)	9.40E+07 ± 3.19E+05(≈)	9.40E+07 ± 2.17E+05(≈)	9.40E+07 ± 2.54E+05(≈)
$F_{11}$	3.12E+10 ± 2.30E+10(+)	8.69E+06 ± 4.34E+06(+)	1.36E+07 ± 1.44E+07(+)	5.55E+10 ± 3.38E+10(+)	2.82E+08 ± 1.33E+08(+)	1.24E+08 ± 2.99E+08(+)	1.15E+08 ± 8.35E+07(+)
$F_{12}$	1.07E+03 ± 1.12E+02(+)	8.78E+02 ± 4.65E+01(≈)	9.01E+02 ± 8.05E+01(≈)	1.79E+07 ± 1.90E+07(+)	1.23E+03 ± 9.93E+01(+)	2.55E+03 ± 6.57E+03(-)	9.04E+03 ± 2.51E+04(+)
$F_{13}$	1.67E+10 ± 5.29E+09(+)	8.28E+06 ± 5.29E+06(+)	9.16E+06 ± 7.87E+06(+)	2.26E+10 ± 6.48E+09(+)	4.51E+08 ± 2.68E+08(+)	1.88E+08 ± 3.57E+08(+)	1.51E+08 ± 1.37E+08(+)
$F_{14}$	2.85E+10 ± 1.43E+10(+)	3.33E+07 ± 7.51E+07(+)	2.67E+07 ± 1.98E+07(+)	6.36E+10 ± 5.23E+10(+)	1.50E+08 ± 1.80E+08(+)	5.40E+08 ± 1.29E+09(+)	3.79E+08 ± 5.90E+08(+)
$F_{15}$	1.84E+08 ± 2.35E+07(+)	3.95E+06 ± 4.12E+05(-)	2.94E+06 ± 4.34E+05(-)	2.21E+08 ± 4.55E+07(+)	5.22E+07 ± 7.85E+06(+)	6.32E+06 ± 1.06E+06(+)	8.33E+06 ± 1.53E+06(+)
+	12	9	9	13	11	10	11
-	0	1	1	1	1	2	0
~	3	5	5	1	3	3	4

 ${\it TABLE~S.III}$  Optimization Results of Different Upper and Lower Bounds of NP on the 1000-D IEEE CEC2013 Test Suite

FUN	SSLPSO (NP=1000~200)	$NP=1200\sim1000$	NP=1200~800	NP=1200~600	NP=1200~400
	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std
$F_1$	$0.00E+00 \pm 0.00E+00$	$9.07E-23 \pm 5.60E-24(+)$	$1.84\text{E}-24 \pm 2.12\text{E}-25(+)$	$0.00E+00 \pm 0.00E+00(\approx)$	$0.00E+00 \pm 0.00E+00(\approx)$
$F_2$	$7.46E+02 \pm 5.87E+01$	$5.78E+02 \pm 3.75E+01(-)$	5.93E+02 ± 3.50E+01(-)	6.13E+02 ± 3.64E+01(-)	$6.45E+02 \pm 5.87E+01(-)$
$F_3$	2.16E+01 ± 6.83E-03	2.16E+01 ± 5.17E-03(≈)	2.16E+01 ± 6.07E-03(≈)	2.16E+01 ± 6.62E-03(≈)	2.16E+01 ± 5.75E-03(≈)
$F_4$	$2.54E+08 \pm 4.75E+07$	8.53E+08 ± 1.72E+08(+)	6.66E+08 ± 1.02E+08(+)	4.85E+08 ± 6.87E+07(+)	$4.06E+08 \pm 6.27E+07(+)$
$F_5$	$4.81E+05 \pm 7.62E+04$	$3.65E+06 \pm 3.31E+06(\approx)$	3.58E+06 ± 3.14E+06(+)	$2.57E+06 \pm 3.11E+06(\approx)$	2.36E+06 ± 2.98E+06(≈)
$F_6$	1.06E+06 ± 1.27E+03	$1.06E+06 \pm 9.53E+02(\approx)$	1.06E+06 ± 1.18E+03(≈)	$1.06E+06 \pm 1.12E+03(\approx)$	1.06E+06 ± 1.61E+03(≈)
$F_7$	3.01E+05 ± 3.84E+05	1.66E+05 ± 7.51E+04(-)	9.32E+04 ± 4.30E+04(-)	7.48E+04 ± 4.33E+04(-)	$7.29E+04 \pm 5.49E+04(-)$
$F_8$	1.27E+13 ± 2.19E+12	3.53E+13 ± 7.22E+12(+)	$3.32E+13 \pm 8.12E+12(+)$	$2.24E+13 \pm 7.66E+12(+)$	$1.77E+13 \pm 5.48E+12(+)$
$F_9$	3.63E+07 ± 5.92E+06	4.64E+07 ± 8.55E+07(-)	7.99E+07 ± 1.45E+08(-)	4.76E+07 ± 9.00E+07(-)	3.41E+07 ± 1.13E+07(-)
F <sub>10</sub>	9.40E+07 ± 2.66E+05	9.40E+07 ± 1.93E+05(≈)	$9.40E+07 \pm 1.99E+05(\approx)$	9.40E+07 ± 1.86E+05(≈)	$9.41E+07 \pm 2.47E+05(\approx)$
F <sub>11</sub>	$4.29E+06 \pm 2.80E+06$	2.16E+08 ± 7.15E+07(+)	$1.33E+08 \pm 4.50E+07(+)$	$5.24E+07 \pm 2.41E+07(+)$	$1.36E+07 \pm 7.60E+06(+)$
-	8.94E+02 ± 2.51E+01	9.70E+02 ± 1.50E+01(+)	9.58E+02 ± 1.47E+01(+)	9.15E+02 ± 1.27E+01(+)	9.08E+02 ± 1.73E+01(+)
F <sub>12</sub>			* * * * * * * * * * * * * * * * * * * *	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
$F_{13}$	3.49E+06 ± 3.19E+06	3.24E+08 ± 1.44E+08(+)	1.30E+08 ± 6.97E+07(+)	2.63E+07 ± 1.61E+07(+)	6.78E+06 ± 2.50E+06(+)
$F_{14}$	$8.47E+06 \pm 1.05E+06$	$4.16E+07 \pm 8.44E+06(+)$	$2.73E+07 \pm 4.52E+06(+)$	$1.74E+07 \pm 2.82E+06(+)$	$1.15E+07 \pm 2.30E+06(+)$
$F_{15}$	$4.70E+06 \pm 7.95E+05$	$7.65E+07 \pm 2.31E+07(+)$	$6.42E+07 \pm 2.71E+07(+)$	$3.31E+07 \pm 1.78E+07(+)$	$1.09E+07 \pm 7.31E+06(+)$
+(SSI	LPSO is significantly better)	8	9	7	7
-(SSI	PSO is significantly worse)	3	3	3	3
	≈	4	3	5	5
FUN	$NP=1200\sim200$	NP=1000~800	NP=1000~600	NP=1000~400	NP=800~600
FUN	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std
$F_1$	7.00E-29 ± 3.84E-28(≈)	1.76E-25 ± 2.85E-26(+)	$0.00E+00 \pm 0.00E+00(\approx)$	$0.00E+00 \pm 0.00E+00(\approx)$	$0.00E+00 \pm 0.00E+00(\approx)$
$F_2$	6.46E+02 ± 3.09E+01(-)	6.67E+02 ± 5.58E+01(-)	6.84E+02 ± 4.85E+01(-)	$7.26E+02 \pm 4.69E+01(\approx)$	8.17E+02 ± 6.56E+01(+)
$F_3$	2.16E+01 ± 4.24E-03(≈)	2.16E+01 ± 5.92E-03(≈)	$2.16\text{E}+01 \pm 7.01\text{E}-03(\approx)$	2.16E+01 ± 5.83E-03(≈)	$2.16E+01 \pm 6.02E-03(\approx)$
$F_4$	2.81E+08 ± 5.21E+07(+)	5.74E+08 ± 9.33E+07(+)	4.67E+08 ± 5.85E+07(+)	3.48E+08 ± 6.30E+07(+)	4.32E+08 ± 5.64E+07(+)
$F_5$	$2.40E+06 \pm 3.00E+06(\approx)$	$2.39E+06 \pm 2.99E+06(\approx)$	$2.84E+06 \pm 3.20E+06(\approx)$	1.12E+06 ± 1.97E+06(≈)	$7.30E+05 \pm 1.22E+06(\approx)$
$F_6$	$1.06E+06 \pm 1.34E+03(\approx)$	$1.06E+06 \pm 9.82E+02(\approx)$	$1.06E+06 \pm 9.46E+02(\approx)$	$1.06E+06 \pm 1.10E+03(\approx)$	$1.06E+06 \pm 1.09E+03(\approx)$
$F_7$	1.60E+05 ± 1.02E+05(-)	1.12E+05 ± 6.60E+04(-)	9.09E+04 ± 7.47E+04(-)	1.19E+05 ± 7.75E+04(-)	1.66E+05 ± 1.37E+05(-)
$F_8$	$1.47E+13 \pm 3.17E+12(+)$	2.94E+13 ± 5.90E+12(+)	$2.41E+13 \pm 9.14E+12(+)$	$1.78E+13 \pm 4.69E+12(+)$	$2.11E+13 \pm 6.74E+12(+)$
$F_9$	$3.37E+07 \pm 6.02E+06(\approx)$	3.23E+07 ± 5.06E+06(-)	3.31E+07 ± 4.49E+06(-)	$3.38E+07 \pm 4.60E+06(\approx)$	$3.68E+07 \pm 6.39E+06(\approx)$
$F_{10}$	$9.40E+07 \pm 2.16E+05(\approx)$	$9.41E+07 \pm 2.51E+05(\approx)$	9.40E+07 ± 3.32E+05(≈)	9.39E+07 ± 2.76E+05(≈)	9.40E+07 ± 2.35E+05(≈)
F <sub>11</sub>	$5.22E+06 \pm 3.03E+06(\approx)$	1.13E+08 ± 4.80E+07(+)	4.17E+07 ± 1.98E+07(+)	8.01E+06 ± 3.71E+06(+)	2.57E+07 ± 1.41E+07(+)
$F_{12}$	$9.03E+02 \pm 2.51E+01(\approx)$	$9.14E+02 \pm 1.01E+01(+)$	$9.13E+02 \pm 1.46E+01(+)$	$9.01E+02 \pm 1.94E+01(\approx)$	$9.17E+02 \pm 3.63E+01(+)$
F <sub>13</sub>	2.96E+06 ± 1.63E+06(≈)	$8.34E+07 \pm 4.35E+07(+)$	$1.69E+07 \pm 8.31E+06(+)$	5.70E+06 ± 2.59E+06(+)	$1.29E+07 \pm 8.20E+06(+)$
F <sub>14</sub>	8.33E+06 ± 1.11E+06(≈)	$2.46E+07 \pm 3.64E+06(+)$	$1.74E+07 \pm 3.24E+06(+)$	1.15E+07 ± 1.56E+06(+)	$1.65E+07 \pm 2.17E+06(+)$
F <sub>15</sub>	5.77E+06 ± 1.43E+06(+)	$4.81E+07 \pm 1.76E+07(+)$	$2.45E+07 \pm 1.54E+07(+)$	$7.38E+06 \pm 3.31E+06(+)$	$1.38E+07 \pm 8.21E+06(+)$
+	3	8 8	7	6	8
-	2	3	3	1	1
≈	10	4	5	8	6
~	NP=800~400	NP=800~200	NP=600~400	NP=600~200	NP=400~200
FUN	Mean±Std			Mean±Std	
- F		Mean±Std	Mean±Std 0.00E+00 ± 0.00E+00(≈)		Mean±Std
$F_1$	0.00E+00 ± 0.00E+00(≈)	$1.18\text{E}-28 \pm 6.45\text{E}-28(\approx)$ $9.35\text{E}+02 \pm 8.41\text{E}+01(+)$	_ , ,	$0.00E+00 \pm 0.00E+00(\approx)$	$1.16\text{E}-25 \pm 3.44\text{E}-25(+)$
$F_2$	8.53E+02 ± 4.83E+01(+)	9.35E+02 ± 8.41E+01(+) 2.16E+01 ± 5.43E-03(≈)	$1.20E+03 \pm 1.01E+02(+)$	$1.24E+03 \pm 9.03E+01(+)$	$1.98E+03 \pm 1.51E+02(+)$ $2.16E+01 \pm 4.63E-03(\approx)$
$F_3$	2.16E+01 ± 7.33E-03(≈)		2.16E+01 ± 6.07E-03(≈)	2.16E+01 ± 4.56E-03(≈)	_
$F_4$	3.27E+08 ± 5.81E+07(+)	2.59E+08 ± 5.67E+07(≈)	3.06E+08 ± 7.22E+07(+)	3.01E+08 ± 1.35E+08(≈)	3.88E+08 ± 1.29E+08(+)
$F_5$	1.58E+06 ± 2.41E+06(+)	$1.23E+06 \pm 2.03E+06(+)$	6.19E+05 ± 1.13E+05(+)	8.43E+05 ± 1.18E+06(+)	9.82E+05 ± 1.25E+06(+)
$F_6$	$1.06E+06 \pm 9.36E+02(\approx)$	1.06E+06 ± 1.48E+03(≈)	1.06E+06 ± 9.99E+02(≈)	1.06E+06 ± 1.00E+03(≈)	1.06E+06 ± 1.02E+03(≈)
$F_7$	2.99E+05 ± 1.54E+05(≈)	5.32E+05 ± 2.38E+05(+)	$6.63E+05 \pm 2.33E+05(+)$	1.22E+06 ± 7.44E+05(+)	2.79E+06 ± 9.84E+05(+)
$F_8$	1.75E+13 ± 5.81E+12(+)	1.25E+13 ± 2.74E+12(≈)	1.57E+13 ± 6.14E+12(+)	1.19E+13 ± 3.59E+12(≈)	9.55E+12 ± 4.26E+12(-)
$F_9$	$3.83E+07 \pm 6.73E+06(\approx)$	3.99E+07 ± 7.46E+06(≈)	4.21E+07 ± 6.49E+06(+)	$4.55E+07 \pm 9.01E+06(+)$	$6.28E+07 \pm 1.17E+07(+)$
$F_{10}$	$9.41E+07 \pm 1.83E+05(\approx)$	$9.40E+07 \pm 2.76E+05(\approx)$	$9.40E+07 \pm 2.19E+05(\approx)$	$9.40E+07 \pm 2.56E+05(\approx)$	$9.40E+07 \pm 2.10E+05(\approx)$
$F_{11}$	$6.95E+06 \pm 5.29E+06(+)$	4.30E+06 ± 2.12E+06(≈)	$5.29E+06 \pm 2.19E+06(+)$	$4.88E+06 \pm 2.48E+06(\approx)$	$1.15E+07 \pm 6.78E+06(+)$
$F_{12}$	$8.94E+02 \pm 1.96E+01(\approx)$	$8.86E+02 \pm 4.00E+01(\approx)$	$8.90E+02 \pm 3.02E+01(\approx)$	8.97E+02 ± 3.32E+01(≈)	$9.40E+02 \pm 8.35E+01(+)$
$F_{13}$	$4.27E+06 \pm 1.70E+06(+)$	$4.83E+06 \pm 4.67E+06(\approx)$	$5.39E+06 \pm 4.89E+06(+)$	$5.16E+06 \pm 4.91E+06(\approx)$	$2.23E+07 \pm 3.52E+07(+)$
$F_{14}$	$1.19E+07 \pm 2.62E+06(+)$	9.84E+06 ± 1.38E+06(+)	$1.17E+07 \pm 2.35E+06(+)$	$2.50E+07 \pm 5.77E+07(+)$	5.20E+07 ± 9.28E+07(+)
$F_{15}$	$5.23E+06 \pm 1.17E+06(\approx)$	$4.68E+06 \pm 6.67E+05(\approx)$	4.03E+06 ± 3.09E+05(-)	4.53E+06 ± 7.01E+05(≈)	$5.21E+06 \pm 7.44E+05(+)$
+	7	4	9	5	11
-	0	0	1	0	1
≈	8	11	5	10	3

TABLE S.IV Optimization Results of Different Upper and Lower Bounds of  $\varphi$  on the 1000-D IEEE CEC2013 Test Suite

$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		COLDOO ( O.4 O.5)	0.7.06	0.7.0.5	0.7.04	0.7.00
Fig.   0.0000-00   0.00000-00   0.0000-00   0.0000-00   0.0000-00   0.0000-00   0.0000-00   0.0000-00   0.0000-00   0.0000-00   0.0000-00   0.0000-00   0.0000-00   0.0000-00   0.0000-00   0.00000-00   0.00000-00   0.00000-00   0.00000-00   0.00000-00   0.00000-00   0.00000-00   0	FUN -	· · · · · · · · · · · · · · · · · · ·		,	,	
F <sub>12</sub>   7.46E-02 ± 5.87E-01   2.16E-01 ± 7.88E-03.0   2.16E-04 ± 7.88E-03.0   2.16E-05 ± 7.88E-03.0   2.16E-03 ± 7.88E-03.0						
Fig.   2.16E-001 ± 6.83E-03   2.16E-001 ± 7.85E-03(c)   2.16E-001 ± 7.85E-03(c)   7.45E-03(c)   7.	-					
F1.         2.54E408 ± 4.73E407         A 900E409 ± 1.74E4070+         2.81E4070+         4.93E4005 ± 7.25E4070+         4.93E4004 ± 7.25E4070+           F2.         4.10E405 ± 7.25E404         7.45E4005 ± 1.30E405+         7.45E400 ± 1.24E4055+         7.35E400 ± 2.20E406+         8.36E407 ± 2.20E406+         9.36E400 ± 2.20E406+         9.36E4000 ± 2.20E406+         9.36E400 ± 2.20E406+         9.36E400 ± 2.20E406+         9.36E4000						
Fr.						
F <sub>P</sub>   1.06E+06 ± 1.27E+03	$F_4$		$9.80E+09 \pm 1.74E+09(+)$			$4.54E+08 \pm 7.26E+07(+)$
Fr   3.01E-05 ± 3.84E-405   1.81E-08 ± 1.16E-08(+)   2.63E+06 ± 1.29E-06(+)   4.83E+05 ± 2.37E-05(+)   4.65E+01 ± 4.83E+105 ± 2.17E-05(+)   Fr   3.63E+07 ± 5.20E+06   5.53E-08 ± 1.90E+07(+)   5.44E+08 ± 1.41E+07(+)   4.13E+08 ± 2.12E+08(+)   2.54E+08 ± 2.46E+08(+)   Fr   0.940E+07 ± 2.06E+096   5.53E+08 ± 1.90E+07(+)   5.44E+08 ± 1.41E+07(+)   4.13E+08 ± 2.12E+08(+)   2.54E+08 ± 2.46E+08(+)   2.54E+08 ± 2.40E+08(+)   2.54E+08 ± 2.40E+08(+)   4.13E+08 ± 2.12E+08(+)   2.54E+08 ± 2.40E+08(+)   2.54E+08 ± 2.40E+09(+)   2.54E+08 ± 2.40E+09(+)   2.54E+08 ± 2.40E+09(+)   2.54E+09(+)   2.5	$F_5$	$4.81E+05 \pm 7.62E+04$	$7.45E+06 \pm 3.09E+05(+)$	$7.46E+06 \pm 1.84E+05(+)$	$7.36E+06 \pm 2.43E+05(+)$	$7.35E+06 \pm 2.00E+05(+)$
F <sub>1</sub>   1.27E-13 ± 2.19E+12   4.42E+13 ± 9.86E+12(+)   3.06E+13 ± 8.96E+12(+)   2.16E+13 ± 7.56E+12(+)   2.46E+08(± 2.4	$F_6$	$1.06E+06 \pm 1.27E+03$	$1.06E+06 \pm 8.70E+02(\approx)$	$1.06E+06 \pm 1.03E+03(\approx)$	$1.06E+06 \pm 1.03E+03(\approx)$	$1.06E+06 \pm 1.37E+03(\approx)$
F <sub>10</sub>   3.63E407 ± 5.53E+086   5.53E+08 ± 1.00E+07(+)   5.44E+08 ± 1.41E+07(+)   4.13E+08 ± 2.12E+08(+)   5.44E+08(+)   7.12E+08(+)   5.53E+086(+)   9.44E+07 ± 2.32E+08(+)   7.12E+08(+)   9.44E+07 ± 2.32E+08(+)   9.44E+07 ± 2.32E+08(+)   9.44E+07 ± 2.33E+07(+)   9.44E+07 ± 2.33E+07(+)   9.43E+07 ± 2.33E+07(+)   9.44E+07 ± 2.33E+07(+)   9.43E+07 ± 2.33E+07(+)   9.43E	$F_7$	$3.01E+05 \pm 3.84E+05$	$1.81E+08 \pm 1.16E+08(+)$	$2.63E+06 \pm 1.29E+06(+)$	$4.83E+05 \pm 2.37E+05(+)$	$3.82E+05 \pm 2.12E+05(+)$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$F_8$	$1.27E+13 \pm 2.19E+12$	$4.42E+13 \pm 9.86E+12(+)$	3.06E+13 ± 8.96E+12(+)	2.16E+13 ± 7.56E+12(+)	$1.46E+13 \pm 4.43E+12(\approx)$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$F_9$	$3.63E+07 \pm 5.92E+06$	5.53E+08 ± 1.90E+07(+)	5.44E+08 ± 1.41E+07(+)	4.13E+08 ± 2.12E+08(+)	2.54E+08 ± 2.46E+08(+)
Fig.   8.98E+02 ± 2.51E+01   1.33E+03 ± 1.01E+02(+)   1.03E+03 ± 2.49E+01(+)   9.85E+02 ± 2.29E+01(+)   9.43E+02 ± 2.83E+01(+)   Fig.   3.49E+06 ± 1.31E+06   1.87E+10 ± 9.13E+09(+)   9.91E+08 ± 4.75E+08(+)   6.44E+07 ± 3.24E+07(+)   1.01E+07 ± 1.01E+07(-) Fig.   4.70E+06 ± 7.95E+05   3.37E+08 ± 3.24E+07(+)   3.16E+08 ± 2.53E+08(+)   2.13E+07 ± 3.37E+06(+)   1.09E+07 ± 1.09E+07(-) Fig.   4.70E+06 ± 7.95E+05   3.37E+08 ± 3.24E+07(+)   3.16E+08 ± 2.64E+07(+)   3.20E+08 ± 3.43E+07(+)   3.02E+08 ± 3.23E+01   3.02E+08 ± 3.02E+02 ± 3.23E+01   3.02E+08 ± 3.02E+02 ± 3.23E+01   3.02E+08 ± 3.02E+02 ±	$F_{10}$	$9.40\text{E}+07 \pm 2.66\text{E}+05$	9.40E+07 ± 2.32E+05(≈)	9.41E+07 ± 2.55E+05(≈)	9.41E+07 ± 2.33E+05(≈)	9.40E+07 ± 2.32E+05(≈)
Fig.   8.98E+02 ± 2.51E+01   1.33E+03 ± 1.01E+02(+)   1.03E+03 ± 2.49E+01(+)   9.88E+02 ± 2.29E+01(+)   9.43E+02 ± 2.83E+01(-)   Fig.   8.47E+06 ± 1.05E+06   8.93E+09 ± 3.86E+09(+)   9.91E+08 ± 2.53E+08(+)   2.13E+07 ± 3.73E+06(+)   1.40E+07 ± 1.05E+07(-)   Fig.   4.70E+06 ± 7.95E+05   3.37E+08 ± 2.34E+07(+)   3.16E+08 ± 2.63E+07(+)   3.20E+08 ± 3.43E+07(+)   3.02E+08 ± 3.02E+08 ± 3.02E+08 ± 3.02E+08 ± 3.02E+08 ± 3	$F_{11}$	$4.29E+06 \pm 2.80E+06$	1.07E+10 ± 2.62E+09(+)	1.29E+09 ± 1.26E+09(+)	$6.46E+07 \pm 2.13E+07(+)$	2.31E+07 ± 8.52E+06(+)
Fig.   3.49E406 ± 3.19E406   8.93E+09 ± 3.86E+09(+)   2.92E+08 ± 2.53E+08(+)   2.15E+07 ± 3.73E+06(+)   1.49E+07 ± 1.01E+07(-)   1.91E+07 ± 1.01E+07(-)   1.00E+08 ± 1.01E+07(-)   1.01	-	8.94E+02 ± 2.51E+01	$1.33E+03 \pm 1.01E+02(+)$	$1.03E+03 \pm 2.49E+01(+)$	9.85E+02 ± 2.29E+01(+)	9.43E+02 ± 2.83E+01(+)
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	-	$3.49E+06 \pm 3.19E+06$				$1.91E+07 \pm 1.01E+07(+)$
F15						` '
+(SSLPSO is significantly better)   12	-					
Company						
FUN   φ=0.7~0.2   φ=0.6~0.5   φ=0.6~0.4   φ=0.6~0.3   φ=0.6~0.2     FUN   Mean±Std						
FUN   Paral	-(221	LPSO is significantly worse)				
Form   Mean±Std   Mean±Std   Mean±Std   Mean±Std   Mean±Std   Mean±Std   Fr   2.81E-26(+) (8.80E-24(+) (8.80E-24(+) (3.45E-26(+) (5.32E-29(±).01E-28(+) (2.12E-26(±).01E-25(+) (5.32E-29(±).01E-28(+) (2.12E-26(±).01E-25(+) (5.32E-29(±).01E-28(+) (2.12E-26(±).01E-25(+) (6.90E+02(±).00E+01(+) (9.70E+01(+) (9.90E+01(±).00E+01(±).		≈			-	
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$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$F_5$					
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$F_6$	_ (( /				$1.06\text{E}+06 \pm 1.18\text{E}+03(\approx)$
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$F_7$		, ,			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$F_8$	$1.59E+13 \pm 4.57E+12(+)$			$1.41E+13 \pm 3.55E+12(\approx)$	$1.51E+13 \pm 4.55E+12(+)$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$F_9$		, ,	. ,		$1.68E+08 \pm 2.12E+08(+)$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$F_{10}$	$9.40E+07 \pm 2.13E+05(\approx)$	$9.40E+07 \pm 1.82E+05(\approx)$	$9.40E+07 \pm 2.59E+05(\approx)$	$9.40E+07 \pm 2.68E+05(\approx)$	$9.41E+07 \pm 1.73E+05(+)$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$F_{11}$	$1.45E+07 \pm 7.07E+06(+)$	$5.38E+08 \pm 7.10E+08(+)$	$4.50E+07 \pm 2.20E+07(+)$	$1.43E+07 \pm 7.24E+06(+)$	$1.09E+07 \pm 6.50E+06(+)$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$F_{12}$	$9.26E+02 \pm 3.38E+01(+)$	$1.00E+03 \pm 1.36E+01(+)$	$9.23E+02 \pm 1.81E+01(+)$	$9.10E+02 \pm 3.54E+00(+)$	$9.12E+02 \pm 1.42E+01(+)$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$F_{13}$	$1.26E+07 \pm 8.27E+06(+)$	$6.07E+08 \pm 3.00E+08(+)$	2.99E+07 ± 1.80E+07(+)	$1.25E+07 \pm 8.57E+06(+)$	8.88E+06 ± 6.70E+06(+)
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$F_{14}$	1.19E+07 ± 3.00E+06(+)	9.18E+07 ± 8.28E+07(+)	1.47E+07 ± 2.19E+06(+)	1.09E+07 ± 1.43E+06(+)	9.25E+06 ± 1.38E+06(+)
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$F_{15}$	2.94E+08 ± 3.86E+07(+)	2.19E+08 ± 4.73E+07(+)	2.07E+08 ± 5.03E+07(+)	1.34E+08 ± 8.66E+07(+)	1.04E+08 ± 9.56E+07(+)
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	+	11	11	10	10	10
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	-	1	1	1	1	1
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	≈	3	3	4	4	4
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ELINI	φ=0.5~0.4	$\varphi = 0.5 \sim 0.3$	$\varphi = 0.5 \sim 0.2$	$\varphi = 0.4 \sim 0.3$	$\varphi = 0.3 \sim 0.2$
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	FUN	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$F_1$	$0.00E+00 \pm 0.00E+00(\approx)$	9.82E-28 ± 5.38E-27(≈)	$0.00E+00 \pm 0.00E+00(\approx)$	1.48E-29 ± 5.65E-29(≈)	1.28E-30 ± 7.00E-30(≈)
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	-					8.14E+02 ± 4.95E+01(+)
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	-					2.16E+01 ± 5.62E-03(≈)
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						$2.77E+08 \pm 6.47E+07(\approx)$
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			, ,			$7.53E+05 \pm 1.22E+06(\approx)$
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$						$1.06\text{E} + 06 \pm 1.16\text{E} + 03 \approx$
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$				` ′		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$						
$F_{13}$ 1.14E+07 ± 8.13E+06(+) 5.72E+06 ± 3.53E+06(+) 4.60E+06 ± 2.07E+06(+) 3.56E+06 ± 2.87E+06( $\approx$ ) 3.43E+06 ± 4.10E+06( $\approx$ )						
$_{1}$ $_{14}$ $_{1.57}$ $_{1$	-					
	-			1 1		
	-					$4.12E+06 \pm 8.20E+05(-)$
+ 8 6 5 1 2	-					
- 2 1 1 0 1 2 5 0 0 14 12						
≈         5         8         9         14         12	_ ≈ _	5	8	<u> </u>	14	12

TABLE S.V Optimization Results on the 1000-D IEEE CEC2013 Test Suite with Different Settings of  $\alpha$  and  $\beta$ 

FUN	SSLPSO ( $\alpha$ =0.1, $\beta$ =0.6)	$\alpha$ =0.1, $\beta$ =1.0	$\alpha$ =0.2, $\beta$ =1.0	$\alpha$ =0.3, $\beta$ =1.0	$\alpha$ =0.4, $\beta$ =1.0	$\alpha$ =0.5, $\beta$ =1.0	$\alpha$ =0.6, $\beta$ =1.0	$\alpha$ =0.7, $\beta$ =1.0	$\alpha$ =0.8, $\beta$ =1.0
-	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std
F <sub>1</sub>	0.00E+00 ± 0.00E+00 7.46E+02 ± 5.87E+01	1.22E-29 ± 6.67E-29(≈) 6.47E+02 ± 3.78E+01(-)	$0.00E+00 \pm 0.00E+00(\approx)$ $5.20E+02 \pm 2.20E+01(-)$	0.00E+00 ± 0.00E+00(≈) 5.12E+02 ± 2.27E+01(-)	0.00E+00 ± 0.00E+00(≈) 7.03E+03 ± 3.48E+03(+)	0.00E+00 ± 0.00E+00(≈) 9.68E+03 ± 9.81E+01(+)	5.04E-26 ± 1.33E-26(+) 9.78E+03 ± 1.00E+02(+)	3.29E-25 ± 6.37E-26(+) 9.87E+03 ± 7.49E+01(+)	1.30E-24 ± 1.71E-25(+) 9.90E+03 ± 6.97E+01(+)
F <sub>2</sub> F <sub>3</sub>	7.46E+02 ± 5.87E+01 2.16E+01 ± 6.83E-03	6.4/E+02 ± 3./8E+01(-) 2.16E+01 ± 5.15E-03(≈)	5.20E+02 ± 2.20E+01(-) 2.16E+01 ± 4.67E-03(≈)	5.12E+02 ± 2.2/E+01(-) 2.16E+01 + 6.58E-03(≈)	7.03E+03 ± 3.48E+03(+) 2.16E+01 ± 5.77E-03(≈)	9.68E+03 ± 9.81E+01(+) 2.16E+01 + 4.35E-03(≈)	9.78E+03 ± 1.00E+02(+) 2.16E+01 ± 5.36E-03(≈)	9.87E+03 ± 7.49E+01(+) 2.16E+01 ± 7.10E-03(≈)	9.90E+03 ± 6.97E+01(+) 2.16E+01 ± 5.62E-03(≈)
F <sub>3</sub>	2.54E+01 ± 6.85E-03 2.54E+08 ± 4.75E+07	2.16E+01 ± 5.15E-03(≈) 3.07E+08 ± 6.60E+07(+)	2.16E+01 ± 4.6/E-03(≈) 5.19E+08 ± 6.32E+07(+)	2.16E+01 ± 6.58E-05(≈) 1.43E+09 ± 3.75E+08(+)	2.69E+01 ± 5.77E-03(≈) 2.69E+09 ± 2.49E+08(+)	2.16E+01 ± 4.35E-03(≈) 3.39E+09 ± 3.15E+08(+)	4.23E+09 ± 2.71E+08(+)	2.16E+01 ± 7.10E-03(≈) 5.13E+09 ± 3.39E+08(+)	2.16E+01 ± 5.62E-03(≈) 5.81E+09 ± 5.51E+08(+)
F <sub>4</sub>	4.81E+05 ± 7.62E+04	1.58E+06 ± 2.45E+06(+)	2.20E+06 ± 2.85E+06(+)	3.32E+06 ± 3.28E+06(+)	4.61E+06 ± 3.17E+06(+)	6.07E+06 ± 2.30E+06(+)	5.17E+06 ± 3.04E+06(+)	5.59E+06 ± 2.77E+06(+)	6.72E+06 ± 1.66E+06(+)
F <sub>6</sub>	1.06E+06 ± 1.27E+03	1.06E+06 ± 2.43E+00(+) 1.06E+06 ± 9.87E+02(≈)	1.06E+06 ± 1.17E+03(≈)	1.06E+06 ± 1.23E+03(≈)	1.06E+06 ± 7.92E+02(≈)	1.06E+06 ± 9.55E+02(≈)	1.06E+06 ± 9.84E+02(≈)	1.06E+06 ± 1.57E+03(≈)	1.06E+06 ± 8.54E+02(≈)
F <sub>7</sub>	3.01E+05 ± 3.84E+05	8.68E+04 ± 4.92E+04(-)	2.24E+04 ± 2.65E+04(-)	7.11E+04 ± 2.59E+04(-)	2.58E+05 ± 9.82E+04(≈)	9.42E+05 ± 2.80E+05(+)	2.01E+06 ± 6.17E+05(+)	3.44E+06 ± 1.14E+06(+)	5.02E+06 ± 1.34E+06(+)
Fe	1.27E+13 ± 2.19E+12	1.35E+13 ± 2.25E+12(≈)	2.67E+13 ± 6.75E+12(+)	3.75E+13 ± 5.57E+12(+)	5.05E+13 ± 8.94E+12(+)	5.81E+13 ± 1.18E+13(+)	7.08E+13 ± 1.07E+13(+)	9 12E+13 ± 1 36E+13(+)	1.23E+14 ± 1.39E+13(+)
$F_9$	3.63E+07 ± 5.92E+06	3.37E+07 ± 6.89E+06(≈)	4.87E+07 ± 9.00E+07(-)	6.72E+07 ± 1.28E+08(-)	1.20E+08 ± 1.90E+08(≈)	1.50E+08 ± 2.04E+08(≈)	1.36E+08 ± 1.99E+08(≈)	1.03E+08 ± 1.62E+08(≈)	$7.93E+07 \pm 1.23E+08(\approx)$
$F_{10}$	9.40E+07 ± 2.66E+05	9.41E+07 ± 1.82E+05(≈)	9.40E+07 ± 2.67E+05(≈)	9.40E+07 ± 2.45E+05(≈)	9.40E+07 ± 2.65E+05(≈)	9.40E+07 ± 2.24E+05(≈)	9.40E+07 ± 3.92E+05(≈)	9.41E+07 ± 2.17E+05(≈)	9.40E+07 ± 2.91E+05(≈)
$F_{11}$	4.29E+06 ± 2.80E+06	5.51E+06 ± 2.27E+06(+)	1.81E+07 ± 6.59E+06(+)	5.19E+07 ± 1.18E+07(+)	8.88E+07 ± 2.10E+07(+)	1.55E+08 ± 4.20E+07(+)	1.91E+08 ± 6.59E+07(+)	3.84E+08 ± 2.91E+08(+)	5.76E+08 ± 5.77E+08(+)
$F_{12}$	8.94E+02 ± 2.51E+01	9.09E+02 ± 2.76E+01(+)	9.17E+02 ± 1.81E+01(+)	9.65E+02 ± 7.84E+00(+)	9.88E+02 ± 7.42E-01(+)	1.00E+03 ± 8.84E+00(+)	1.01E+03 ± 1.52E+00(+)	$1.02E+03 \pm 1.90E+00(+)$	1.02E+03 ± 6.68E-01(+)
$F_{13}$	3.49E+06 ± 3.19E+06	4.17E+06 ± 4.78E+06(≈)	1.23E+07 ± 7.01E+06(+)	8.87E+07 ± 3.67E+07(+)	2.97E+08 ± 7.09E+07(+)	9.18E+08 ± 5.15E+08(+)	2.19E+09 ± 1.08E+09(+)	2.96E+09 ± 1.09E+09(+)	3.50E+09 ± 6.73E+08(+)
$F_{14}$	8.47E+06 ± 1.05E+06	8.30E+06 ± 9.75E+05(≈)	9.38E+06 ± 7.42E+05(+)	1.48E+07 ± 2.24E+06(+)	2.84E+07 ± 6.36E+06(+)	1.27E+08 ± 9.11E+07(+)	6.97E+08 ± 4.32E+08(+)	1.63E+09 ± 1.11E+09(+)	2.58E+09 ± 1.12E+09(+)
$F_{15}$	4.70E+06 ± 7.95E+05	2.39E+07 ± 3.16E+07(+)	1.14E+08 ± 1.52E+07(+)	1.18E+08 ± 1.15E+07(+)	1.11E+08 ± 7.79E+06(+)	1.10E+08 ± 9.98E+06(+)	1.03E+08 ± 9.97E+06(+)	1.07E+08 ± 1.12E+07(+)	1.03E+08 ± 9.18E+06(+)
+(SS	LPSO is significantly better)	5	8	8	9	10	11	11	11
-(SS	LPSO is significantly worse)	2	3	3	0	0	0	0	0
	$\approx$ $\alpha$ =0.9, $\beta$ =1.0	$\alpha = 0.1, \beta = 0.9$	4 α=0.2, β=0.9	4 α=0.3, β=0.9	6 α=0.4, β=0.9	5 α=0.5, β=0.9	4 α=0.6, β=0.9	$\alpha$ =0.7, $\beta$ =0.9	$\alpha$ =0.8. $\beta$ =0.9
FUN	α=0.9, β=1.0 Mean±Std	α=0.1, β=0.9 Mean±Std	α=0.2, β=0.9 Mean±Std	α=0.3, β=0.9 Mean±Std	α=0.4, β=0.9 Mean±Std	α=0.5, β=0.9 Mean±Std	α=0.6, β=0.9 Mean±Std	α=0.7, β=0.9 Mean±Std	α=0.8, β=0.9 Mean±Std
F1	3.90E-24 ± 5.33E-25(+)	0.00E+00 ± 0.00E+00(≈)	0.00E+00 ± 0.00E+00(≈)	0.00E+00 ± 0.00E+00(≈)	0.00E+00 ± 0.00E+00(≈)	0.00E+00 ± 0.00E+00(≈)	1.55E-26 ± 4.50E-27(+)	1.61E-25 ± 2.85E-26(+)	6.50E-25 ± 1.15E-25(+)
Fo	9.95E+03 ± 6.51E+01(+)	6.62E+02 ± 3.68E+01(-)	5.16E+02 ± 2.17E+01(-)	5.16E+02 ± 2.91E+01(-)	6.33E+03 ± 3.80E+03(+)	9.57E+03 ± 2.11E+02(+)	9.78E+03 ± 8.99E+01(+)	9.83E+03 ± 7.85E+01(+)	9.88E+03 ± 7.07E+01(+)
$F_3$	2.16E+01 ± 5.68E-03(≈)	2.16E+01 ± 5.18E-03(≈)	2.16E+01 ± 5.94E-03(≈)	2.16E+01 ± 7.10E-03(≈)	2.16E+01 ± 7.00E-03(≈)	2.16E+01 ± 5.37E-03(≈)	2.16E+01 ± 8.72E-03(≈)	2.16E+01 ± 6.96E-03(≈)	2.16E+01 ± 6.51E-03(≈)
$F_4$	6.39E+09 ± 4.74E+08(+)	2.87E+08 ± 5.84E+07(+)	4.71E+08 ± 6.90E+07(+)	1.02E+09 ± 3.21E+08(+)	2.41E+09 ± 4.43E+08(+)	3.20E+09 ± 2.91E+08(+)	3.88E+09 ± 3.58E+08(+)	4.62E+09 ± 4.15E+08(+)	$5.35E+09 \pm 4.00E+08(+)$
$F_5$	5.88E+06 ± 2.67E+06(+)	1.64E+06 ± 2.51E+06(+)	2.67E+06 ± 3.12E+06(+)	4.42E+06 ± 3.24E+06(+)	5.02E+06 ± 2.99E+06(+)	5.17E+06 ± 2.89E+06(+)	5.19E+06 ± 2.95E+06(+)	6.05E+06 ± 2.47E+06(+)	5.64E+06 ± 2.80E+06(+)
$F_6$	1.06E+06 ± 9.92E+02(≈)	1.06E+06 ± 1.06E+03(≈)	1.06E+06 ± 9.65E+02(≈)	1.06E+06 ± 1.30E+03(≈)	1.06E+06 ± 1.18E+03(≈)	1.06E+06 ± 1.49E+03(≈)	1.06E+06 ± 1.14E+03(≈)	$1.06E+06 \pm 8.40E+02(\approx)$	1.06E+06 ± 1.13E+03(≈)
$F_7$	7.57E+06 ± 2.32E+06(+)	1.08E+05 ± 8.62E+04(-)	1.58E+04 ± 7.40E+03(-)	5.84E+04 ± 2.98E+04(-)	1.76E+05 ± 5.43E+04(-)	6.88E+05 ± 2.69E+05(+)	1.46E+06 ± 4.67E+05(+)	2.36E+06 ± 7.29E+05(+)	3.90E+06 ± 1.25E+06(+)
$F_8$	1.38E+14 ± 1.82E+13(+)	1.46E+13 ± 3.72E+12(+)	2.42E+13 ± 7.07E+12(+)	3.93E+13 ± 8.30E+12(+)	4.60E+13 ± 6.14E+12(+)	5.28E+13 ± 8.34E+12(+)	6.58E+13 ± 1.22E+13(+)	7.86E+13 ± 1.27E+13(+)	1.08E+14 ± 1.94E+13(+)
F <sub>9</sub>	1.25E+08 ± 1.80E+08(+) 9.39E+07 + 3.03E+05(≈)	3.33E+07 ± 5.38E+06(-) 9.40E+07 ± 2.12E+05(≈)	4.75E+07 ± 8.67E+07(-) 9.41E+07 ± 1.97E+05(≈)	8.18E+07 ± 1.53E+08(-) 9.41E+07 ± 2.15E+05(≈)	$8.15E+07 \pm 1.42E+08(\approx)$ $9.40E+07 \pm 2.39E+05(\approx)$	$1.24E+08 \pm 1.89E+08(\approx)$ $9.41E+07 \pm 1.86E+05(\approx)$	$1.41E+08 \pm 2.00E+08(\approx)$ $9.40E+07 \pm 2.04E+05(\approx)$	$1.69E+08 \pm 2.20E+08(\approx)$ $9.40E+07 \pm 2.02E+05(\approx)$	$1.27E+08 \pm 1.85E+08(\approx)$ $9.40E+07 \pm 2.57E+05(\approx)$
$F_{10}$ $F_{11}$	9.59E+07 ± 5.05E+05(≈) 1.89E+09 ± 2.67E+09(±)	9.40E+07 ± 2.12E+05(≈) 4.55E+06 ± 2.75E+06(≈)	9.41E+07 ± 1.97E+05(≈) 1.53E+07 ± 6.78E+06(+)	9.41E+07 ± 2.15E+05(≈) 4 96E+07 ± 2.71E+07(+)	9.40E+07 ± 2.39E+05(≈) 8.56E+07 ± 2.21E+07(+)	9.41E+07 ± 1.80E+05(≈) 1.36E+08 ± 2.98E+07(+)	9.40E+07 ± 2.04E+05(≈) 1.84E+08 ± 4.49E+07(+)	9.40E+07 ± 2.02E+05(≈) 3.62E+08 ± 6.27E+08(+)	9.40E+07 ± 2.57E+05(≈) 5.86E+08 ± 7.35E+08(+)
F <sub>11</sub>	1.03E+03 ± 1.20E+00(+)	9.01E+02 ± 2.64E+01(≈)	9.17E+02 ± 1.73E+01(+)	9.60E+02 ± 1.97E+00(+)	9.84E+02 ± 8.38E-01(+)	9.99E+02 ± 6.18E-01(+)	1.01E+03 ± 1.37E+00(+)	1.02E+03 ± 6.51E-01(+)	1.02E+03 ± 5.46E-01(+)
F <sub>13</sub>	3.84E+09 ± 5.62E+08(+)	3.18E+06 ± 1.56E+06(≈)	9.43E+06 ± 6.54E+06(+)	9.53E+07 ± 5.10E+07(+)	3.01E+08 ± 1.29E+08(+)	6.67E+08 ± 2.28E+08(+)	2.15E+09 ± 1.18E+09(+)	2.76E+09 ± 1.07E+09(+)	3.32E+09 ± 7.45E+08(+)
$F_{1.4}$	4.22E+09 ± 2.81E+09(+)	8.31E+06 ± 1.14E+06(≈)	9.42E+06 ± 9.64E+05(+)	1.33E+07 ± 1.00E+06(+)	2.28E+07 ± 3.91E+06(+)	9.89E+07 ± 7.19E+07(+)	3.37E+08 ± 2.98E+08(+)	9.28E+08 ± 5.24E+08(+)	1.68E+09 ± 1.09E+09(+)
$F_{15}$	1.04E+08 ± 6.70E+06(+)	1.03E+07 ± 1.57E+07(+)	1.19E+08 ± 1.56E+07(+)	1.18E+08 ± 1.68E+07(+)	1.13E+08 ± 9.48E+06(+)	1.09E+08 ± 1.14E+07(+)	1.06E+08 ± 1.05E+07(+)	1.05E+08 ± 6.56E+06(+)	1.03E+08 ± 7.11E+06(+)
+	12	4	8	8	9	10	11	11	11
-	0	3	3	3	1	0	0	0	0
~	3	8	4 02 4 00	4	3	3	4	4	4
FUN	$\alpha$ =0.1, $\beta$ =0.8 Mean±Std	$\alpha$ =0.2, $\beta$ =0.8 Mean±Std	$\alpha$ =0.3, $\beta$ =0.8 Mean±Std	$\alpha$ =0.4, $\beta$ =0.8 Mean±Std	$\alpha$ =0.5, $\beta$ =0.8 Mean $\pm$ Std	$\alpha$ =0.6, $\beta$ =0.8 Mean±Std	$\alpha$ =0.7, $\beta$ =0.8 Mean $\pm$ Std	α=0.1, β=0.7 Mean±Std	$\alpha$ =0.2, $\beta$ =0.7 Mean±Std
E.	1.11E-26 ± 6.10E-26(≈)	0.00E+00 ± 0.00E+00(≈)	0.00E+00 ± 0.00E+00(≈)	0.00E+00 ± 0.00E+00(≈)	0.00E+00 ± 0.00E+00(≈)	8.88E-28 ± 8.94E-28(+)	6.59E-26 ± 1.25E-26(+)	0.00E+00 ± 0.00E+00(≈)	0.00E+00 ± 0.00E+00(≈)
$F_2$	6.86E+02 ± 3.88E+01(-)	5.15E+02 ± 2.56E+01(-)	5.12E+02 ± 2.63E+01(-)	4.94E+03 ± 3.81E+03(+)	9.47E+03 ± 2.18E+02(+)	9.71E+03 ± 1.01E+02(+)	9.78E+03 ± 6.72E+01(+)	7.24E+02 ± 5.15E+01(≈)	5.21E+02 ± 2.70E+01(-)
$F_2$	2.16E+01 ± 9.24E-03(≈)	2.16E+01 ± 5.88E-03(≈)	2.16E+01 ± 6.45E-03(≈)	2.16E+01 ± 6.84E-03(≈)	2.16E+01 ± 5.93E-03(≈)	2.16E+01 ± 6.24E-03(≈)	2.16E+01 ± 5.64E-03(≈)	2.16E+01 ± 6.82E-03(≈)	2.16E+01 ± 7.27E-03(≈)
$F_4$	2.88E+08 ± 6.61E+07(+)	4.42E+08 ± 6.53E+07(+)	9.00E+08 ± 2.09E+08(+)	2.08E+09 ± 4.56E+08(+)	2.92E+09 ± 2.71E+08(+)	3.48E+09 ± 2.37E+08(+)	4.19E+09 ± 2.94E+08(+)	2.81E+08 ± 6.39E+07(≈)	4.33E+08 ± 4.93E+07(+)
$F_5$	2.03E+06 ± 2.79E+06(+)	1.96E+06 ± 2.70E+06(+)	4.52E+06 ± 3.11E+06(+)	4.43E+06 ± 3.23E+06(+)	4.66E+06 ± 3.21E+06(+)	4.91E+06 ± 3.13E+06(+)	6.07E+06 ± 2.50E+06(+)	$1.53E+06 \pm 2.42E+06(\approx)$	3.03E+06 ± 3.17E+06(+)
$F_6$	1.06E+06 ± 1.06E+03(≈)	1.06E+06 ± 1.28E+03(≈)	1.06E+06 ± 9.93E+02(≈)	1.06E+06 ± 9.78E+02(≈)	1.06E+06 ± 9.45E+02(≈)	1.06E+06 ± 1.16E+03(≈)	1.06E+06 ± 1.21E+03(≈)	1.06E+06 ± 1.64E+03(≈)	1.06E+06 ± 1.19E+03(≈)
$F_7$	1.28E+05 ± 6.72E+04(-)	2.13E+04 ± 2.79E+04(-)							
			4.28E+04 ± 1.57E+04(-)	1.52E+05 ± 6.20E+04(-)	4.69E+05 ± 2.49E+05(+)	1.15E+06 ± 4.72E+05(+)	1.92E+06 ± 6.06E+05(+)	1.84E+05 ± 1.12E+05(-)	2.25E+04 ± 3.65E+04(-)
$F_8$	1.37E+13 ± 3.57E+12(≈)	2.12E+13 ± 5.81E+12(+)	3.43E+13 ± 6.79E+12(+)	4.45E+13 ± 7.16E+12(+)	5.15E+13 ± 9.08E+12(+)	6.07E+13 ± 1.03E+13(+)	7.07E+13 ± 1.12E+13(+)	1.32E+13 ± 3.70E+12(≈)	2.00E+13 ± 5.75E+12(+)
$F_9$	1.37E+13 ± 3.57E+12(≈) 3.73E+07 ± 8.37E+06(≈)	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(≈)	3.43E+13 ± 6.79E+12(+) 6.23E+07 ± 1.24E+08(-)	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-)	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(≈)	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.62E+07(≈)	7.07E+13 $\pm$ 1.12E+13(+) 9.36E+07 $\pm$ 1.45E+08( $\approx$ )	$1.32E+13 \pm 3.70E+12(\approx)$ $3.46E+07 \pm 5.01E+06(\approx)$	2.00E+13 ± 5.75E+12(+) 7.87E+07 ± 1.52E+08(-)
F <sub>9</sub> F <sub>10</sub>	1.37E+13 ± 3.57E+12(≈) 3.73E+07 ± 8.37E+06(≈) 9.40E+07 ± 2.33E+05(≈)	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(≈) 9.41E+07 ± 1.55E+05(≈)	$3.43E+13 \pm 6.79E+12(+)$ $6.23E+07 \pm 1.24E+08(-)$ $9.41E+07 \pm 2.24E+05(\approx)$	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05(≈)	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(≈) 9.40E+07 ± 2.06E+05(≈)	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.62E+07(≈) 9.40E+07 ± 2.28E+05(≈)	7.07E+13 $\pm$ 1.12E+13(+) 9.36E+07 $\pm$ 1.45E+08( $\approx$ ) 9.41E+07 $\pm$ 1.77E+05( $\approx$ )	$1.32E+13 \pm 3.70E+12(\approx)$ $3.46E+07 \pm 5.01E+06(\approx)$ $9.41E+07 \pm 2.23E+05(+)$	2.00E+13 ± 5.75E+12(+) 7.87E+07 ± 1.52E+08(-) 9.41E+07 ± 2.03E+05(+)
F <sub>10</sub> F <sub>11</sub>	1.37E+13 ± 3.57E+12(≈) 3.73E+07 ± 8.37E+06(≈) 9.40E+07 ± 2.33E+05(≈) 5.40E+06 ± 4.81E+06(≈)	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(≈) 9.41E+07 ± 1.55E+05(≈) 1.44E+07 ± 5.66E+06(+)	$3.43\text{E}+13 \pm 6.79\text{E}+12(+)$ $6.23\text{E}+07 \pm 1.24\text{E}+08(-)$ $9.41\text{E}+07 \pm 2.24\text{E}+05(\approx)$ $4.41\text{E}+07 \pm 1.87\text{E}+07(+)$	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05(≈) 8.38E+07 ± 3.30E+07(+)	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(≈) 9.40E+07 ± 2.06E+05(≈) 1.31E+08 ± 5.29E+07(+)	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.62E+07(≈) 9.40E+07 ± 2.28E+05(≈) 1.81E+08 ± 5.18E+07(+)	7.07E+13 $\pm$ 1.12E+13(+) 9.36E+07 $\pm$ 1.45E+08( $\approx$ ) 9.41E+07 $\pm$ 1.77E+05( $\approx$ ) 2.05E+08 $\pm$ 4.79E+07(+)	1.32E+13 ± 3.70E+12(≈) 3.46E+07 ± 5.01E+06(≈) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(≈)	2.00E+13 ± 5.75E+12(+) 7.87E+07 ± 1.52E+08(-) 9.41E+07 ± 2.03E+05(+) 1.19E+07 ± 5.75E+06(+)
$F_{9}$ $F_{10}$ $F_{11}$ $F_{12}$	$1.37E+13 \pm 3.57E+12(\approx)$ $3.73E+07 \pm 8.37E+06(\approx)$ $9.40E+07 \pm 2.33E+05(\approx)$ $5.40E+06 \pm 4.81E+06(\approx)$ $9.01E+02 \pm 2.79E+01(\approx)$	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(≈) 9.41E+07 ± 1.55E+05(≈) 1.44E+07 ± 5.66E+06(+) 9.10E+02 ± 1.32E+01(+)	$3.43E+13 \pm 6.79E+12(+)$ $6.23E+07 \pm 1.24E+08(-)$ $9.41E+07 \pm 2.24E+05(\approx)$ $4.41E+07 \pm 1.87E+07(+)$ $9.54E+02 \pm 1.66E+00(+)$	$4.45E+13 \pm 7.16E+12(+)$ $6.32E+07 \pm 1.28E+08(-)$ $9.40E+07 \pm 2.50E+05(\approx)$ $8.38E+07 \pm 3.30E+07(+)$ $9.79E+02 \pm 1.15E+00(+)$	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(≈) 9.40E+07 ± 2.06E+05(≈) 1.31E+08 ± 5.29E+07(+) 9.96E+02 ± 8.27E+00(+)	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.62E+07(≈) 9.40E+07 ± 2.28E+05(≈) 1.81E+08 ± 5.18E+07(+) 1.00E+03 ± 7.14E-01(+)	7.07E+13 ± 1.12E+13(+) 9.36E+07 ± 1.45E+08(≈) 9.41E+07 ± 1.77E+05(≈) 2.05E+08 ± 4.79E+07(+) 1.01E+03 ± 8.86E+00(+)	$1.32E+13 \pm 3.70E+12(\approx)$ $3.46E+07 \pm 5.01E+06(\approx)$ $9.41E+07 \pm 2.23E+05(+)$ $4.04E+06 \pm 1.49E+06(\approx)$ $8.98E+02 \pm 2.95E+01(\approx)$	2.00E+13 ± 5.75E+12(+) 7.87E+07 ± 1.52E+08(-) 9.41E+07 ± 2.03E+05(+) 1.19E+07 ± 5.75E+06(+) 9.16E+02 ± 2.20E+01(+)
F <sub>10</sub> F <sub>10</sub> F <sub>11</sub> F <sub>12</sub> F <sub>13</sub>	1.37E+13 ± 3.57E+12(≈) 3.73E+07 ± 8.37E+06(≈) 9.40E+07 ± 2.33E+05(≈) 5.40E+06 ± 4.81E+06(≈) 9.01E+02 ± 2.79E+01(≈) 3.20E+06 ± 1.75E+06(≈)	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(≈) 9.41E+07 ± 1.55E+05(≈) 1.44E+07 ± 5.66E+06(+) 9.10E+02 ± 1.32E+01(+) 7.28E+06 ± 2.34E+06(+)	$3.43E+13 \pm 6.79E+12(+)$ $6.23E+07 \pm 1.24E+08(-)$ $9.41E+07 \pm 2.24E+05(\approx)$ $4.41E+07 \pm 1.87E+07(+)$ $9.54E+02 \pm 1.66E+00(+)$ $5.50E+07 \pm 2.98E+07(+)$	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05(≈) 8.38E+07 ± 3.30E+07(+) 9.79E+02 ± 1.15E+00(+) 2.50E+08 ± 9.68E+07(+)	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(≈) 9.40E+07 ± 2.06E+05(≈) 1.31E+08 ± 5.29E+07(+) 9.96E+02 ± 8.27E+00(+) 5.12E+08 ± 1.94E+08(+)	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.62E+07(≈) 9.40E+07 ± 2.28E+05(≈) 1.81E+08 ± 5.18E+07(+) 1.00E+03 ± 7.14E-01(+) 1.11E+09 ± 7.53E+08(+)	7.07E+13 ± 1.12E+13(+) 9.36E+07 ± 1.45E+08(≈) 9.41E+07 ± 1.77E+05(≈) 2.05E+08 ± 4.79E+07(+) 1.01E+03 ± 8.86E+00(+) 2.36E+09 ± 1.23E+09(+)	1.32E+13 ± 3.70E+12(≈) 3.46E+07 ± 5.01E+06(≈) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(≈) 8.98E+02 ± 2.95E+01(≈) 3.08E+06 ± 1.65E+06(≈)	2.00E+13 ± 5.75E+12(+) 7.87E+07 ± 1.52E+08(-) 9.41E+07 ± 2.03E+05(+) 1.19E+07 ± 5.75E+06(+) 9.16E+02 ± 2.20E+01(+) 6.36E+06 ± 2.49E+06(+)
$F_9$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$	1.37E+13 ± 3.57E+12(≈) 3.73E+07 ± 8.37E+06(≈) 9.40E+07 ± 2.33E+05(≈) 5.40E+06 ± 4.81E+06(≈) 9.01E+02 ± 2.79E+01(≈) 3.20E+06 ± 1.25E+06(≈) 8.49E+06 ± 1.25E+06(≈)	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(≈) 9.41E+07 ± 1.55E+05(≈) 1.44E+07 ± 5.66E+06(+) 9.10E+02 ± 1.32E+01(+) 7.28E+06 ± 2.34E+06(+) 9.03E+06 ± 1.12E+06(≈)	3.43E+13 ± 6.79E+12(+) 6.23E+07 ± 1.24E+08(-) 9.41E+07 ± 2.24E+05(≈) 4.41E+07 ± 1.87E+07(+) 9.54E+02 ± 1.66E+00(+) 5.50E+07 ± 2.98E+07(+) 1.31E+07 ± 2.05E+06(+)	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05(≈) 8.38E+07 ± 3.30E+07(+) 9.79E+02 ± 1.15E+00(+) 2.50E+08 ± 9.68E+07(+) 1.87E+07 ± 2.95E+06(+)	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(≈) 9.40E+07 ± 2.06E+05(≈) 1.31E+08 ± 5.29E+07(+) 9.96E+02 ± 8.27E+00(+) 5.12E+08 ± 1.94E+08(+) 4.87E+07 ± 2.87E+07(+)	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.62E+07(≈) 9.40E+07 ± 2.28E+05(≈) 1.81E+08 ± 5.18E+07(+) 1.00E+03 ± 7.14E-01(+) 1.11E+09 ± 7.53E+08(+) 1.64E+08 ± 8.48E+07(+)	7.07E+13 ± 1.12E+13(+) 9.36E+07 ± 1.45E+08(≈) 9.41E+07 ± 1.77E+05(≈) 2.05E+08 ± 4.79E+07(+) 1.01E+03 ± 8.86E+00(+) 2.36E+09 ± 1.23E+09(+) 5.14E+08 ± 4.72E+08(+)	1.32E+13 ± 3.70E+12(≈) 3.46E+07 ± 5.01E+06(≈) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(≈) 8.98E+02 ± 2.95E+01(≈) 3.08E+06 ± 1.19E+06(≈) 8.33E+06 ± 1.19E+06(≈)	2.00E+13 ± 5.75E+12(+) 7.87E+07 ± 1.52E+08(-) 9.41E+07 ± 2.03E+05(+) 1.19E+07 ± 5.75E+06(+) 9.16E+02 ± 2.20E+01(+) 6.36E+06 ± 2.49E+06(+) 8.90E+06 ± 7.40E+05(≈)
F <sub>10</sub> F <sub>10</sub> F <sub>11</sub> F <sub>12</sub> F <sub>13</sub>	1.37E+13 ± 3.57E+12(≈) 3.73E+07 ± 8.37E+06(≈) 9.40E+07 ± 2.33E+05(≈) 5.40E+06 ± 4.81E+06(≈) 9.01E+02 ± 2.79E+01(≈) 3.20E+06 ± 1.75E+06(≈)	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(≈) 9.41E+07 ± 1.55E+05(≈) 1.44E+07 ± 5.66E+06(+) 9.10E+02 ± 1.32E+01(+) 7.28E+06 ± 2.34E+06(+)	$3.43E+13 \pm 6.79E+12(+)$ $6.23E+07 \pm 1.24E+08(-)$ $9.41E+07 \pm 2.24E+05(\approx)$ $4.41E+07 \pm 1.87E+07(+)$ $9.54E+02 \pm 1.66E+00(+)$ $5.50E+07 \pm 2.98E+07(+)$	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05(≈) 8.38E+07 ± 3.30E+07(+) 9.79E+02 ± 1.15E+00(+) 2.50E+08 ± 9.68E+07(+)	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(≈) 9.40E+07 ± 2.06E+05(≈) 1.31E+08 ± 5.29E+07(+) 9.96E+02 ± 8.27E+00(+) 4.87E+07 ± 2.87E+07(+) 1.13E+08 ± 8.43E+06(+) 10	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.62E+07(≈) 9.40E+07 ± 2.28E+05(≈) 1.81E+08 ± 5.18E+07(+) 1.00E+03 ± 7.14E-01(+) 1.11E+09 ± 7.53E+08(+) 1.64E+08 ± 8.48E+07(+) 1.07E+08 ± 1.06E+07(+)	$\begin{array}{c} 7.07\text{E+13} \pm 1.12\text{E+13(+)} \\ 9.36\text{E+07} \pm 1.45\text{E+08(\approx)} \\ 9.41\text{E+07} \pm 1.77\text{E+05(\approx)} \\ 2.05\text{E+08} \pm 4.79\text{E+07(+)} \\ 1.01\text{E+03} \pm 8.86\text{E+00(+)} \\ 2.36\text{E+09} \pm 1.23\text{E+09(+)} \\ 5.14\text{E+08} \pm 9.40\text{E+06(+)} \\ 1.08\text{E+08} \pm 9.40\text{E+06(+)} \\ \end{array}$	1.32E+13 ± 3.70E+12(≈) 3.46E+07 ± 5.01E+06(≈) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(≈) 8.98E+02 ± 2.95E+01(≈) 3.08E+06 ± 1.65E+06(≈)	2.00E+13 ± 5.75E+12(+) 7.87E+07 ± 1.52E+08(-) 9.41E+07 ± 2.03E+05(+) 1.19E+07 ± 5.75E+06(+) 9.16E+02 ± 2.20E+01(+) 6.36E+06 ± 2.49E+06(+)
F <sub>9</sub> F <sub>10</sub> F <sub>11</sub> F <sub>12</sub> F <sub>13</sub> F <sub>14</sub> F <sub>15</sub> +	$\begin{array}{c} 1.378+13\pm3.578+12(\approx)\\ 3.73E+07\pm8.37E+06(\approx)\\ 3.73E+07\pm2.33E+05(\approx)\\ 5.40E+06\pm4.81E+06(\approx)\\ 5.40E+06\pm4.81E+06(\approx)\\ 3.20E+06\pm1.75E+06(\approx)\\ 3.20E+06\pm1.75E+06(\approx)\\ 7.82E+06\pm1.10E+07(+)\\ 3\\ 2\\ \end{array}$	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(≈) 9.41E+07 ± 1.55E+05(≈) 1.44E+07 ± 5.66E+06(+) 9.10E+02 ± 1.32E+01(+) 7.28E+06 ± 2.34E+06(+) 9.03E+06 ± 1.12E+06(≈)	3.43E+13 ± 6.79E+12(+) 6.23E+07 ± 1.24E+08(-) 9.41E+07 ± 2.24E+05(≈) 4.41E+07 ± 1.87E+07(+) 9.54E+02 ± 1.66E+00(+) 5.50E+07 ± 2.98E+07(+) 1.31E+07 ± 2.05E+06(+)	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05(≈) 8.38E+07 ± 3.30E+07(+) 9.79E+02 ± 1.15E+00(+) 2.50E+08 ± 9.68E+07(+) 1.87E+07 ± 2.95E+06(+)	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(≈) 9.40E+07 ± 2.06E+05(≈) 1.31E+08 ± 5.29E+07(+) 9.96E+02 ± 8.27E+00(+) 5.12E+08 ± 1.94E+08(+) 4.87E+07 ± 2.87E+07(+) 1.13E+08 ± 8.43E+06(+)	$\begin{array}{c} 6.079{\pm}13 \pm 1.038{\pm}13(+) \\ 4.148{\pm}07 \pm 2.62{\pm}07(\approx) \\ 4.148{\pm}07 \pm 2.28{\pm}03(\approx) \\ 1.818{\pm}08 \pm 5.188{\pm}07(+) \\ 1.002{\pm}03 \pm 7.148{\pm}01(+) \\ 1.112{\pm}09 \pm 7.532{\pm}08(+) \\ 1.642{\pm}08 \pm 8.488{\pm}07(+) \\ 1.072{\pm}08 \pm 1.062{\pm}07(+) \\ 1.072{\pm}08 \pm 1.062{\pm}07(+) \\ 0 \end{array}$	7.07E+13 $\pm$ 1.12E+13(+) 9.36E+07 $\pm$ 1.45E+08( $\approx$ ) 9.41E+07 $\pm$ 1.77E+05( $\approx$ ) 2.05E+08 $\pm$ 4.79E+07(+) 1.01E+03 $\pm$ 8.86E+00(+) 2.36E+09 $\pm$ 1.23E+09(+) 5.14E+08 $\pm$ 4.72E+08(+) 1.08E+08 $\pm$ 9.40E+06(+)	1.32E+13 ± 3.70E+12(≈) 3.46E+07 ± 5.01E+06(≈) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(≈) 8.98E+02 ± 2.95E+01(≈) 3.08E+06 ± 1.19E+06(≈) 8.33E+06 ± 1.19E+06(≈)	2.00E+13 ± 5.75E+12(+) 7.87E+07 ± 1.52E+08(-) 9.41E+07 ± 2.03E+05(+) 1.19E+07 ± 5.75E+06(+) 9.16E+02 ± 2.20E+01(+) 6.36E+06 ± 2.49E+06(+) 8.90E+06 ± 7.40E+05(≈)
$F_9$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$	$\begin{array}{c} 1.378+13\pm3.578+12(\approx)\\ 3.738+07\pm8.378+067\pm9.9\\ 9.400+07\pm2.338+05(\approx)\\ 9.400+06\pm4.818+06(\approx)\\ 9.018+02\pm2.798+01(\approx)\\ 3.201+06\pm1.758+06(\approx)\\ 7.828+06\pm1.108+07(+)\\ \frac{3}{2}\\ 10\\ \end{array}$	2.12E+13 ± 5.81E+12(+) 4.63E+07 ± 7.69E+070 ± 7.69E+070 ± 9.94TE+07 ± 1.55E+05(≈) 9.41E+07 ± 1.55E+05(≈) 1.44E+07 ± 5.66E+06(+) 9.10E+02 ± 1.32E+01(+) 7.28E+06 ± 2.34E+06(≈) 9.03E+06 ± 1.12E+06(≈) 1.23E+08 ± 1.50E+07(+) 7 2 6	3.43E+13 ± 6.79E+12(+) 6.23E+07 ± 1.24E+08(≈) 9.41E+07 ± 2.24E+05(≈) 4.41E+07 ± 1.87E+07(+) 9.54E+02 ± 1.66E+00(+) 5.50E+07 ± 2.98E+07(+) 1.31E+07 ± 2.05E+06(+) 1.20E+08 ± 1.22E+07(+) 8 3 4	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05(∞) 9.40E+07 ± 2.50E+05(∞) 8.38E+07 ± 3.30E+07(+) 9.79E+02 ± 1.15E+00(+) 2.50E+08 ± 9.68E+07(+) 1.13E+08 ± 9.91E+06(+) 9 2 4	5.15±13 ± 9.08±12(±) 1.31±408 ± 1.95±408(±) 9.40±407 ± 2.06±405(≈) 1.31±408 ± 5.29±407(±) 9.96±402 ± 8.27±400(±) 5.12±408 ± 1.94±408(±) 4.87±407 ± 2.87±407(±) 1.13±408 ± 8.43±406(±) 10 0 5	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.62E+07(∞) 9.40E+07 ± 2.28E+05(∞) 1.81E+08 ± 5.18E+07(+) 1.00E+03 ± 7.14E-01(+) 1.11E+09 ± 7.53E+08(+) 1.64E+08 ± 8.48E+07(+) 1.07E+08 ± 1.06E+07(+) 1.07E+08 ± 1.06E+07(+) 4	7.07E+13 ± 1.12E+13(+) 9.3GE407 ± 1.45E+03(+) 9.4 IE407 ± 1.77E+03(×) 9.4 IE407 ± 1.77E+03(×) 2.05E+048 ± 4.79E+49(+) 1.01E+03 ± 8.86E+09(+) 2.3GE+09 ± 1.23E+09(+) 1.08E+08 ± 4.72E+03(+) 1.08E+08 ± 9.40E+06(+) 1.08E+08 ± 9.40E+06(+) 4.05E+08 ± 9.40E+06(+)	$\begin{array}{c} 1.32E+13\pm3.70E+12(\approx)\\ 3.46E+07\pm5.01E+067\pm5.9\\ 9.41E+07\pm2.22E+05(+)\\ 4.04E+06\pm1.49E+06(\approx)\\ 3.08E+06\pm1.55E+06(\approx)\\ 3.08E+06\pm1.65E+00(\approx)\\ 5.62E+06\pm1.34E+06(+)\\ 2\\ 1\\ 12\\ \end{array}$	2.00E+13 ± 5.75E+12(+) 7.87E+07 ± 1.52E+08(-) 9.41E+07 ± 2.03E+05(+) 1.19E+07 ± 5.75E+06(+) 9.16E+02 ± 2.20E+01(+) 6.36E+06 ± 2.49E+06(+) 8.90E+06 ± 7.40E+05(≈) 1.20E+08 ± 2.19E+07(+) 8 8 4
$F_9$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $+$	$\begin{array}{c} 1.379\pm13\pm3.579\pm12(\approx)\\ 3.73\pm407\pm8.379\pm406(\approx)\\ 9.40\pm407\pm8.379\pm406(\approx)\\ 9.40\pm407\pm2.33\pm405(\approx)\\ 9.01\pm402\pm2.799\pm401(\approx)\\ 3.201\pm406\pm1.729\pm406(\approx)\\ 3.201\pm406\pm1.729\pm406(\approx)\\ 7.82\pm406\pm1.101\pm407(+)\\ 3\\ 10\\ \alpha=0.3, \beta=0.7 \end{array}$	$ \begin{array}{c} 2.12E+13 \pm 5.81E+12(+) \\ 4.64E+407 \pm 7.69E+407(\approx) \\ 9.41E+407 \pm 1.55E+405(\approx) \\ 1.44E+407 \pm 5.66E+406(+) \\ 9.10E+402 \pm 1.32E+401(+) \\ 7.82E+406 \pm 2.34E+406(+) \\ 9.93E+406 \pm 1.12E+406(\approx) \\ 1.23E+408 \pm 1.50E+407(+) \\ \hline \\ 2 \\ 6 \\ \alpha = 0.4, \beta = 0.7 \\ \end{array} $	$\begin{array}{c} 3.43E+13 \pm 6.79E+12(+) \\ 6.23E+07 \pm 1.24E+08(-) \\ 9.41E+07 \pm 2.24E+015(\approx) \\ 4.41E+07 \pm 1.87E+07(+) \\ 9.54E+02 \pm 1.66E+00(+) \\ 5.50E+07 \pm 2.05E+00(+) \\ 1.20E+08 \pm 1.22E+07(+) \\ 1.20E+08 \pm 1.22E+07(+) \\ 3 \\ 4 \\ \alpha = 0.5, \beta = 0.7 \end{array}$	$4.458+13 \pm 7.168+12(+)$ $6.32E+407 \pm 1.28E+08(-)$ $9.40E+407 \pm 2.50E+05(\approx)$ $8.38E+407 \pm 3.30E+407(+)$ $9.79E+402 \pm 1.15E+400(+)$ $2.50E+408 \pm 9.68E+407(+)$ $1.38E+407 \pm 2.95E+406(+)$ 9 4 4 4 4 4 4 4 4		$\begin{array}{l} 6.072\text{+-}13 \pm 1.032\text{+-}13(+) \\ 4.142\text{+-}07 \pm 2.622\text{+-}07(\approx) \\ 9.402\text{+-}07 \pm 2.282\text{+-}15(\approx) \\ 1.812\text{+-}08 \pm 5.182\text{+-}07(+) \\ 1.002\text{+-}03 \pm 5.182\text{+-}07(+) \\ 1.002\text{+-}03 \pm 7.14201(+) \\ 1.112\text{+-}09 \pm 7.532\text{+-}08(+) \\ 1.642\text{+-}08 \pm 8.832\text{+-}07(+) \\ 1.072\text{+-}08 \pm 1.062\text{+-}07(+) \\ 1.072\text{+-}08 \pm 1.062\text{+-}07(+) \\ 0 \\ 4 \\ \alpha = 0.3, \beta = 0.6 \end{array}$	7.072+13 $\pm$ 1.12E+13(+) 2.36E407 $\pm$ 1.45E+03(8) 9.41E+07 $\pm$ 1.77E+05( $\approx$ ) 2.05E+08 $\pm$ 4.79E+07(+) 1.01E+03 $\pm$ 8.86E+00(+) 2.36E+09 $\pm$ 1.23E+09(+) 5.14E+08 $\pm$ 4.72E+08(+) 1.08E+08 $\pm$ 9.40E+06(+) 0 4 $\alpha$ =0.4, $\beta$ =0.6	$\begin{array}{c} 1.329+13\pm3.709+12(28)\\ 3.46E407\pm5.01E406(8)\\ 9.41E407\pm2.23E405(+)\\ 4.04E406\pm1.49E406(8)\\ 8.98E402\pm2.925E401(8)\\ 3.08E406\pm1.09E406(8)\\ 3.08E406\pm1.09E406(8)\\ 5.52E406\pm1.19E406(8)\\ 1.19E406(8)\\ 1.2\\ 2\\ 2\\ 3.005, \beta=0.6\end{array}$	$ \begin{array}{c} 2.002\text{e-}13 \pm 5.75\text{e-}12(+) \\ 7.87\text{e-}407 \pm 1.52\text{e-}408(-) \\ 9.41\text{e-}407 \pm 1.52\text{e-}408(-) \\ 9.41\text{e-}407 \pm 2.03\text{e-}408(-) \\ 1.19\text{e-}407 \pm 5.75\text{e-}406(+) \\ 9.162\text{e-}402 \pm 2.202\text{e-}401(+) \\ 6.562\text{e-}406 \pm 2.202\text{e-}404(+) \\ 8.80\text{e-}406 \pm 7.40\text{e-}405(-) \\ 1.20\text{e-}408 \pm 2.19\text{e-}407(+) \\ 8 \\ 3 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 6 \\ 6.1, \beta = 0.5 \end{array} $
F <sub>9</sub> F <sub>10</sub> F <sub>11</sub> F <sub>12</sub> F <sub>13</sub> F <sub>14</sub> F <sub>15</sub> +	1.37E+13 ± 3.57E+12(≈) 3.73E+407 ± 8.37E+40(≈) 9.40E+407 ± 2.33E+40(≈) 9.40E+407 ± 2.33E+40(≈) 9.40E+405 ± 4.81E+406(≈) 9.40E+405 ± 1.75E+406(≈) 3.20E+406 ± 1.75E+406(≈) 7.82E+406 ± 1.10E+407(+) 3 2 10 α=0.3, β=0.7 Mean±Std	$\begin{array}{c} 2.12E+13 \pm 5.81E+12(+) \\ 4.64E+07 \pm 7.69E+07(*) \\ 9.41E+07 \pm 1.55E+03(**) \\ 9.41E+07 \pm 1.55E+03(**) \\ 1.44E+07 \pm 5.66E+06(+) \\ 9.10E+02 \pm 1.32E+01(+) \\ 7.28E+06 \pm 2.34E+06(+) \\ 9.03E+06 \pm 1.12E+06(**) \\ 1.23E+08 \pm 1.50E+07(+) \\ 7 \\ 2 \\ 6 \\ \alpha = 0.4, \beta = 0.7 \\ \text{Mean±Std} \end{array}$	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.08(-) 9.41±6.07 ± 1.24±6.08(-) 9.41±6.07 ± 1.87±6.07(-) 9.54±6.07 ± 1.87±6.07(-) 9.54±6.02 ± 1.66±4.00(+) 1.31±6.07 ± 2.05±4.06(+) 1.20±4.08 ± 1.22±4.07(+) 3 4 α=0.5, β=0.7 Mean±Std	$4.458+13 \pm 7.168+12(+)$ $6.32E+07 \pm 1.28E+08(+)$ $9.40E+407 \pm 2.50E+405(≈)$ $8.38E+407 \pm 3.30E+407(+)$ $2.50E+408 \pm 9.68E+407(+)$ $2.50E+408 \pm 9.68E+407(+)$ $1.33E+408 \pm 9.93E+406(+)$ 9 2 4 α=0.6, β=0.7 Mean±Std	5.15±13 ± 9.08±12(±) 1.31±408 ± 1.95±408(≈) 9.40±407 ± 2.00±405(≈) 1.31±408 ± 5.29±407(±) 9.60±402 ± 8.27±4004, 5.12±408 ± 1.94±408(±) 4.87±407 ± 2.87±400(±) 1.13±408 ± 8.43±406(±) 1.0 0 5 α=0.2, β=0.6 Mean±Std	$\begin{array}{l} 6.078\pm13\pm1.038\pm13(+)\\ 4.14\pm407\pm2.058\pm407(+)\\ 9.401\pm407\pm2.288\pm405(\approx)\\ 1.815\pm408\pm5.188\pm407(+)\\ 1.102\pm403\pm7.138\pm408(+)\\ 1.118\pm409\pm7.538\pm408(+)\\ 1.061\pm403\pm3.848\pm407(+)\\ 1.071\pm408\pm1.061\pm407(+)\\ 1.$	7.07±13 ± 1.12±13(+) 9.36±407 ± 1.45±408(±) 9.36±407 ± 1.475±408(±) 9.36±407 ± 1.77±405(±) 2.05±408 ± 4.79±407(+) 1.01±403 ± 8.366±400(+) 2.36±409 ± 1.23±409(+) 1.08±408 ± 9.40±406(+) 1 0 4 $\alpha$ =0.4, $\beta$ =0.6 Mean±Std	1.32b+13 ± 3.70b+12(≈) 3.46b+07 ± 501E+06(≈) 9.41b+07 ± 2.23b+03(+) 4.04E+06 ± 1.49E+06(≈) 3.08E+02 ± 2.95E+01(≈) 3.08E+06 ± 1.65E+06(≈) 5.52E+06 ± 1.13b+06(+) 2 1 $\alpha$ =0.5, $\beta$ =0.6 Mean±Std	
F <sub>9</sub> F <sub>10</sub> F <sub>11</sub> F <sub>12</sub> F <sub>13</sub> F <sub>14</sub> F <sub>15</sub> +  ≈ FUN F <sub>1</sub>	$\begin{array}{c} 1.379\pm13\pm3.579\pm12(\approx)\\ 3.73\pm407\pm8.379\pm406(\approx)\\ 9.40\pm407\pm8.379\pm406(\approx)\\ 9.40\pm407\pm2.33\pm405(\approx)\\ 9.01\pm402\pm2.799\pm401(\approx)\\ 3.201\pm406\pm1.729\pm406(\approx)\\ 3.201\pm406\pm1.729\pm406(\approx)\\ 7.82\pm406\pm1.101\pm407(+)\\ 3\\ 10\\ \alpha=0.3, \beta=0.7 \end{array}$	$ \begin{array}{c} 2.12E+13 \pm 5.81E+12(+) \\ 4.64E+407 \pm 7.69E+407(\approx) \\ 9.41E+407 \pm 1.55E+405(\approx) \\ 1.44E+407 \pm 5.66E+406(+) \\ 9.10E+402 \pm 1.32E+401(+) \\ 7.82E+406 \pm 2.34E+406(+) \\ 9.93E+406 \pm 1.12E+406(\approx) \\ 1.23E+408 \pm 1.50E+407(+) \\ \hline \\ 2 \\ 6 \\ \alpha = 0.4, \beta = 0.7 \\ \end{array} $	$\begin{array}{c} 3.43E+13 \pm 6.79E+12(+) \\ 6.23E+07 \pm 1.24E+08(-) \\ 9.41E+07 \pm 2.24E+015(\approx) \\ 4.41E+07 \pm 1.87E+07(+) \\ 9.54E+02 \pm 1.66E+00(+) \\ 5.50E+07 \pm 2.05E+00(+) \\ 1.20E+08 \pm 1.22E+07(+) \\ 1.20E+08 \pm 1.22E+07(+) \\ 3 \\ 4 \\ \alpha = 0.5, \beta = 0.7 \end{array}$	$4.458+13 \pm 7.168+12(+)$ $6.32E+407 \pm 1.28E+08(-)$ $9.40E+407 \pm 2.50E+05(\approx)$ $8.38E+407 \pm 3.30E+407(+)$ $9.79E+402 \pm 1.15E+400(+)$ $2.50E+408 \pm 9.68E+407(+)$ $1.38E+407 \pm 2.95E+406(+)$ 9 4 4 4 4 4 4 4 4		$\begin{array}{l} 6.072\text{+-}13 \pm 1.032\text{+-}13(+) \\ 4.142\text{+-}07 \pm 2.622\text{+-}07(\approx) \\ 9.402\text{+-}07 \pm 2.282\text{+-}15(\approx) \\ 1.812\text{+-}08 \pm 5.182\text{+-}07(+) \\ 1.002\text{+-}03 \pm 5.182\text{+-}07(+) \\ 1.002\text{+-}03 \pm 7.14201(+) \\ 1.112\text{+-}09 \pm 7.532\text{+-}08(+) \\ 1.642\text{+-}08 \pm 8.832\text{+-}07(+) \\ 1.072\text{+-}08 \pm 1.062\text{+-}07(+) \\ 1.072\text{+-}08 \pm 1.062\text{+-}07(+) \\ 0 \\ 4 \\ \alpha = 0.3, \beta = 0.6 \end{array}$	7.072+13 $\pm$ 1.12E+13(+) 2.36E407 $\pm$ 1.45E+03(8) 9.41E+07 $\pm$ 1.77E+05( $\approx$ ) 2.05E+08 $\pm$ 4.79E+07(+) 1.01E+03 $\pm$ 8.86E+00(+) 2.36E+09 $\pm$ 1.23E+09(+) 5.14E+08 $\pm$ 4.72E+08(+) 1.08E+08 $\pm$ 9.40E+06(+) 0 4 $\alpha$ =0.4, $\beta$ =0.6	$\begin{array}{c} 1.329+13\pm3.709+12(28)\\ 3.46E407\pm5.01E406(8)\\ 9.41E407\pm2.23E405(+)\\ 4.04E406\pm1.49E406(8)\\ 8.98E402\pm2.925E401(8)\\ 3.08E406\pm1.09E406(8)\\ 3.08E406\pm1.09E406(8)\\ 5.52E406\pm1.19E406(8)\\ 1.19E406(8)\\ 1.2\\ 2\\ 2\\ 3.005, \beta=0.6\end{array}$	$ \begin{array}{c} 2.002\text{e-}13 \pm 5.75\text{e-}12(+) \\ 7.87\text{e-}407 \pm 1.52\text{e-}408(-) \\ 9.41\text{e-}407 \pm 1.52\text{e-}408(-) \\ 9.41\text{e-}407 \pm 2.03\text{e-}408(-) \\ 1.19\text{e-}407 \pm 5.75\text{e-}406(+) \\ 9.162\text{e-}402 \pm 2.202\text{e-}401(+) \\ 6.562\text{e-}406 \pm 2.202\text{e-}404(+) \\ 8.80\text{e-}406 \pm 7.40\text{e-}405(-) \\ 1.20\text{e-}408 \pm 2.19\text{e-}407(+) \\ 8 \\ 3 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 6 \\ 6.1, \beta = 0.5 \end{array} $
$F_9$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ + $=$ FUN $F_1$ $F_2$	1.37E+13 ± 3.57E+12(≈) 3.73E+407 ± 8.37E+40(±) 9.40E+407 ± 2.33E+405(≈) 9.40E+407 ± 2.33E+405(≈) 9.40E+402 ± 2.79E+401(≈) 3.20E+406 ± 1.75E+406(≈) 7.82E+40 ± 1.10E+407(±) 10 α=0.3, β=0.7 Mean±Std 0.00E+400 ± 0.00E+400(≈)	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.81E+07 ± 1.55E+05(∞) 9.81E+07 ± 1.55E+05(∞) 9.10E+02 ± 1.32E+01(+) 7.28E+06 ± 5.06E+05(+) 9.03E+06 ± 1.12E+05(∞) 1.23E+01 ± 1.50E+07(+) 7 6 6 6 6 6 6 6 6 6 0.06E+00 ± 0.00E+00(∞)	3.43±1.3 ± 6.79±1.2(+) 6.23±6.07 ± 1.24±6.08; 9.41±6.07 ± 2.24±6.08; 9.41±6.07 ± 2.24±6.08; 9.41±6.07 ± 2.24±6.09; 9.52±6.02 ± 1.66±6.09(+) 5.50±6.07 ± 2.98±6.07(+) 1.31±6.07 ± 2.05±6.06(+) 1.31±6.07 ± 2.05±6.06(+) 1.31±6.07 ± 2.05±6.06(+) 1.30±6.07 ± 2.05±6.06(+) 1.30±6.07 ± 2.05±6.06(+) 0.00±6.00 ± 0.00€4.00(0.00(+) 0.00€4.00 ± 0.00€4.00(∞)	$4.452+13 \pm 7.162+12(+)$ $6.32±67 \pm 1.28±68(+)$ $9.40±67 \pm 2.50±60(+)$ $9.90±67 \pm 2.50±60(+)$ $9.79±402 \pm 1.15±600(+)$ $2.50±608 \pm 9.98±407(+)$ $1.87±407 \pm 2.95±406(+)$ $1.87±407 \pm 2.95±406(+)$ $1.13±408 \pm 9.91±406(+)$ 4 4 α=0.6, $β=0.76.6$ , $β=0.76.6$	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 105E+08(∞) 9.40E+07 ± 2.00E+03(∞) 9.40E+07 ± 2.00E+03(∞) 9.96E+02 ± 8.27E+00(+) 9.96E+02 ± 8.27E+00(+) 4.87E+07 ± 2.87E+07(+) 1.13E+08 ± 8.43E+06(+) 0 0 0 0 0 0 0 0	6.072±13 ± 1.03±1.3(+) 4.14E407 ± 2.02±407(±) 9.40±407 ± 2.28±405(≈) 1.81E408 ± 5.18±407(+) 1.00±63 ± 7.34±0.0(+) 1.11E409 ± 7.33±40.8(+) 1.07±408 ± 1.06±407(+) 1.07±408 ± 1.06±407(+) 4 4 4 4 4 4 4 6=0.3, β=0.6 Mean±Std 0.00€±400 ≈ 0.00€±400(≈)	7.07£+13 $\pm$ 1.12£+13(+) 9.36£+07 $\pm$ 1.45£+048( $\approx$ ) 9.36£+07 $\pm$ 1.77£+05( $\approx$ ) 9.26£+08 $\pm$ 4.79£+07(+) 1.01£+03 $\pm$ 8.86£+00(+) 2.36£+09 $\pm$ 1.23£+09(+) 5.14£+08 $\pm$ 4.72£+048(+) 1.08£+08 $\pm$ 9.40£+06(+) 10 4 $\alpha$ =0.4, $\beta$ =0.6 Mean $\pm$ 5.10 0.00£+00 $\pm$ 0.00€+00( $\approx$ )	1.32E+13 ± 3.70E+12(≈) 3.46E+47 ± 50E+406(≈) 9.41E+407 ± 2.23E+405(+) 4.04E+406 ± 1.49E+406(≈) 8.98E+402 ± 2.95E+401(≈) 3.08E+406 ± 1.19E+406(≈) 5.62E+406 ± 1.14E+406(+) 2 1 2 α=0.5, β=0.6 Mean±Std 0.00E+400 ± 0.00E+400(≈)	$\begin{array}{c} 2.008\pm13\pm5.758\pm12(\pm) \\ 7.87\pm0.71\pm1.52\pm0.08; \\ 9.41\pm0.71\pm2.03\pm0.05(\pm) \\ 9.11\pm0.71\pm2.03\pm0.05(\pm) \\ 1.19\pm0.71\pm2.03\pm0.05(\pm) \\ 9.16\pm0.21\pm2.03\pm0.01(\pm) \\ 6.36\pm0.61\pm2.2.03\pm0.01(\pm) \\ 6.36\pm0.61\pm2.03\pm0.01(\pm) \\ 8.90\pm0.61\pm7.400\pm0.05(\approx) \\ 1.202\pm0.81\pm2.192\pm0.07(\pm) \\ 8.90\pm0.61\pm1.61\pm0.01(\pm) \\ 1.202\pm0.81\pm2.192\pm0.07(\pm) \\ 8.90\pm0.01(\pm).01(\pm).01(\pm).01(\pm) \\ 8.90\pm0.01(\pm).01(\pm).01(\pm).01(\pm) \\ 1.90\pm0.01(\pm).01(\pm).01(\pm).01(\pm).01(\pm) \\ 1.90\pm0.01(\pm).01(\pm$
$F_9$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$	1.37E+13 ± 3.37E+12(≈) 3.73E+407 ± 8.37E+40(±) 9.40E+407 ± 2.33E+405(≈) 9.40E+407 ± 2.33E+405(≈) 9.40E+402 ± 2.79E+401(≈) 3.20E+406 ± 1.75E+406(≈) 7.82E+406 ± 1.25E+406(≈) 9.40E+406 ± 0.40E+406(≈) 9.40E+406 ± 0.40E+406(≈) 9.40E+406 ± 2.75E+401(≈) 2.16E+401 ± 4.74E+405(≈) 8.00E+408 ± 1.52E+408(≈) 8.00E+408 ± 1.52E+408(≈)	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+05(∞) 9.41E+07 ± 1.55E+05(∞) 9.41E+07 ± 1.55E+05(∞) 9.10E+02 ± 1.32E+01(+) 7.28E+06 ± 2.34E+05(+) 9.03E+06 ± 1.12E+05(∞) 1.23E+06 ± 1.12E+05(∞) 2.2 2.2 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4	3.43±1.3 ± 6.79±1.2(+) 6.23±6.07 ± 1.24±6.0(5) 9.41±0.07 ± 2.24±0.0(5) 9.41±0.07 ± 2.24±0.0(5) 9.51±0.07 ± 1.87±0.0(+) 9.51±0.02 ± 1.66±0.0(+) 5.50±0.07 ± 2.98±0.0(+) 1.31±0.07 ± 2.08±0.0(+) 1.31±0.07 ± 2.08±0.0(+) 1.30±0.08 ± 1.22±0.0(+) 3 α=0.5, 3=0.7 Mean±Sul 0.00€.00 ± 0.00€.00(∞) 8.81±0.03 ± 1.77±0.0(±) 8.81±0.03 ± 1.77±0.0(±) 2.16±0.1 ± 5.21±0.0(∞) 2.26±0.2 ± 3.95±0.0(∞)	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05(≈) 9.30E+07 ± 2.50E+05(≈) 9.30E+07 ± 3.50E+07(+) 9.79E+02 ± 1.15E+00(+) 2.50E+08 ± 9.68E+07(+) 1.37E+07 ± 2.95E+06(+) 1.37E+07 ± 2.95E+06(+) 1.37E+07 ± 2.95E+06(+) 0.40E+06 ± 9.97E+06(+) 0.40E+06 ± 0.00E+00(≈) 9.65E+03 ± 1.62E+02(±) 0.00E+06 ± 0.00E+00(≈) 9.65E+03 ± 1.62E+02(±) 2.16E+01 ± 5.75E+03(≈) 2.32E+09 ± 1.02E+03(±) 2.32E+09 ± 1.02E+03(±)	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+04(8c) 9.40E+07 ± 2.06E+04(5≈) 1.31E+08 ± 5.29E+07(+) 9.96E+02 ± 8.27E+00(+) 5.12E+08 ± 5.29E+07(+) 4.87E+07 ± 2.87E+07(+) 1.0 0 0.002.2, β=0.6 Mean Std 0.000E+00 ± 0.00E+00(≈) 5.40E+00 ± 0.00E+00(≈) 5.40E+00 ± 0.00E+00(≈) 5.40E+00 ± 0.00E+00(≈) 2.16E+01 ± 5.27E+03(≈) 4.02E+08 ± 5.36E+07(-) 2.16E+01 ± 5.27E+03(≈)	6.072E+13 ± 1.03E+13(+) 4.14E+07 ± 2.0E±107(∞) 9.40E+07 ± 2.28E±105(∞) 1.81E+08 ± 5.18E±07(+) 1.00E±03 ± 7.34E±01(+) 1.11E±09 ± 7.33E±08(+) 1.07E±08 ± 1.06E±07(+) 1.07E±08 ± 1.06E±07(+) 1.07E±08 ± 1.06E±07(+) 0.00E±03 ± 0.00E±00(∞) 5.88E+02 ± 2.31E±01(−) 2.16E±01 ± 4.90E±03(∞) 2.16E±01 ± 4.90E±03(∞)	7.07±13 ± 1.12±13(+) 9.36±07 ± 1.45±0408; 9.41±07 ± 1.77±405(≈) 9.41±07 ± 1.77±405(≈) 9.41±07 ± 1.77±405(≈) 1.01±03 ± 8.80±400(+) 1.01±03 ± 8.80±400(+) 1.01±03 ± 8.80±400(+) 1.03±04 ± 4.72±408(+) 1.03±04 ± 4.72±408(+) 1.03±04 ± 9.40±406(+) 1.03±04 ± 9.40±406(+) 1.03±04 ± 9.40±406(+) 1.03±04 ± 9.40±406(+) 1.03±04 ± 9.40±406(+) 1.03±04 ± 1.60±603; 1.04±04 ± 1.60±603; 1.15±409 ± 1.60±603; 1.15±409 ± 3.05±408(+)	1.3.2E+13 ± 3.70E+12(≈) 3.46E+07 ± 501E+06(≈) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(≈) 8.88E+02 ± 2.95E+01(≈) 3.08E+06 ± 1.19E+06(≈) 5.62E+06 ± 1.19E+06(≈) 5.62E+06 ± 1.14E+06(+) 2 12 α=0.5, β=0.6 Mean±Sul 0.00E+06 ± 0.00E+00(≈) 6.29E+03 ± 3.87E+05(±) 2.16E+01 ± 5.97E+03(≈) 2.18E+09 ± 3.87E+03(≈) 2.18E+09 ± 5.00E+08(±)	2.00£+13 ± 5.75£+12(+) 7.87£+07 ± 1.52£+08(-) 9.41£+07 ± 2.03£+05(+) 1.19£+07 ± 2.03£+05(+) 1.19£+07 ± 2.03£+01(+) 6.36£+06 ± 2.575£+06(-) 8.50£+06 ± 2.20£+01(+) 6.36£+06 ± 2.40£+05(≈) 1.20£+08 ± 2.19£±07(+) 8 8 α=0.1, β=0.5 Δα=0.± 0.40 ± 0.00£+00(≈) 8.50£+00 ± 0.00£+00(≈) 8.50£+00 ± 0.00£+00(≈) 8.50£+00 ± 0.00£+00(≈) 8.50£+00 ± 6.12£+01(±) 2.16£+01 ± 5.81£+03(≈) 2.59£±08 ± 5.17£±07(≈)
$F_9$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$	1.378±13 ± 3.578±12(∞) 3.738±407 ± 8.378±40(5) 9.400±407 ± 2.338±405(∞) 9.400±407 ± 2.338±405(∞) 9.400±407 ± 2.338±405(∞) 9.400±402 ± 2.798±401(∞) 3.208±406 ± 1.758±406(∞) 7.82±406 ± 1.108±407(*)  10  α=0.3, β=0.7  Mean±Std 0.006±400 ± 0.008±400(∞) 5.108±402 ± 2.758±401(·) 2.168±401 ± 4.748±403(∞) 8.400±400 ± 4.748±403(∞) 8.400±400 ± 4.748±403(∞) 8.400±400 ± 4.748±403(∞) 8.400±400 ± 4.748±403(∞) 8.400±400 ± 3.238±406(∞) 8.400±400 ± 3.238±406(∞)	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.81E+07 ± 1.55E+05(∞) 9.81E+07 ± 1.55E+05(∞) 9.10E+02 ± 1.32E+01(+) 7.28E+06 ± 5.66E+06(+) 9.03E+06 ± 1.12E+06(∞) 1.23E+05 ± 1.50E+07(+) 2 6 6 6 6 6 6 6 6 0.00E+00 ± 0.00E+000(∞) 1.74E+03 ± 2.41E+05(+) 2.16E+01 ± 5.61E+03(∞) 1.74E+03 ± 2.41E+05(+) 2.16E+01 ± 5.61E+03(∞) 1.71E+09 ± 3.91E+06(+) 4.77E+06 ± 3.07E+06(+)	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.08(-) 9.41±6.07 ± 2.24±6.05(∞) 4.41±6.07 ± 1.28±6.07(-) 9.54±6.02 ± 1.66±6.00(+) 5.50±6.07 ± 2.98±6.07(+) 1.31±6.07 ± 2.08±6.07(+) 1.31±6.07 ± 2.08±6.07(+) 1.31±6.07 ± 2.08±6.07(+) 1.31±6.07 ± 2.08±6.07(+) 1.31±6.07 ± 2.08±6.07(+) 1.31±6.07 ± 2.08±6.07(+) 1.31±6.07 ± 2.08±6.07(+) 1.31±6.07 ± 2.08±6.07(+) 1.31±6.07 ± 2.08±6.07(+) 1.31±6.07(± 2.08±6.07(± 2.08±6.07(+) 1.31±6.07(± 2.08±6.	$4.45 \times 13 \pm 7.16 \times 12 \times 1$ $6.3 \times 12 \times 17 \pm 12 \times 12 \times 1$ $9.40 \times 107 \pm 2.50 \times 105 \times 2$ $9.40 \times 107 \pm 2.50 \times 105 \times 2$ $9.30 \times 107 \pm 2.50 \times 105 \times 2$ $9.79 \times 102 \pm 1.15 \times 100 \times 1$ $1.3 \times 107 $	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.05E+08(s) 9.40E+07 ± 2.06E+05(≈) 9.40E+07 ± 2.06E+05(≈) 1.31E+08 ± 8.27E+000(+) 5.12E+08 ± 8.27E+000(+) 1.31E+08 ± 8.43E+00(+) 1.31E+08 ± 8.43E+00(+) 1.3E+08 ± 8.43E+00(+) 1.3E+08 ± 8.43E+00(+) 0 5 α=0.2, β=0.6 Mean±Std Mean±Std 0.00E+00 ± 0.00E+00(≈) 5.40E+02 ± 3.60E+01(-) 2.16E+01 ± 5.27E+03(≈) 4.02E+08 ± 6.32E+07(+) 3.48E+06 ± 3.27E+040(π)	6.072±13 ± 1.032±13(+) 4.142±07 ± 2.02±07(∞) 9.00±07 ± 2.28±05(∞) 1.81±08 ± 5.18±07(+) 1.00±03 ± 7.34±00(+) 1.11±09 ± 7.33±08(+) 1.07±08 ± 1.00±07(+) 1.07±08 ± 1.00±07(+) 1.00±00 ± 0.00±00(+) 0 4 4 4 4 4 4 6=0.3, β=0.6 Mean±Std 0.00±00 ± 0.00±00(∞) 5.08±02 ± 2.31±01(+) 2.16±01 ± 3.00±00(∞) 6.41±08 ± 7.99±07(+) 6.31±01 ± 3.00±00(∞) 6.41±08 ± 7.99±07(+) 6.31±01 ± 3.00±00(∞) 6.41±08 ± 7.99±07(+)	7.07£+13 $\pm$ 1.12£+13(+) 9.3£407 $\pm$ 1.45£+08(8×) 9.3£407 $\pm$ 1.75£+00(×) 9.3£407 $\pm$ 1.77£+00(×) 9.3£408 $\pm$ 4.79£+00(+) 1.0£403 $\pm$ 8.86£+00(+) 2.36£409 $\pm$ 8.86£+00(+) 5.1£2408 $\pm$ 4.72£+00(+) 1.08£+08 $\pm$ 9.40£+00(+) 1.08£+08 $\pm$ 9.40£+00(+) 1.08£+08 $\pm$ 9.40£+00(+) 0.0£+00 $\pm$ 0.00£+00(0×) 8.21£+02 $\pm$ 1.60£+03(+) 2.16£+01 $\pm$ 5.1£+03(×) 1.216£+01 $\pm$ 3.05£+008(+) 5.04£+00 $\pm$ 3.03£+008(+)	1.32E+13 ± 3.70E+12(≈) 3.46E+07 ± 50E+06(≈) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(≈) 8.88E+02 ± 2.93E+01(≈) 3.08E+06 ± 1.19E+06(≈) 8.33E+06 ± 1.19E+06(≈) 8.33E+06 ± 1.19E+06(≈) 1 1 2 α=0.5, β=6.6 Meam±Std 0.00E+00 ± 0.00E+00(≈) 6.29E+03 ± 3.87E+05(+) 2.12E+09 ± 5.97E+03(≈) 2.18E+09 ± 5.97E+03(≈) 2.18E+09 ± 5.97E+03(≈) 2.18E+09 ± 5.97E+03(≈) 2.18E+09 ± 5.90E+08(+)	2.00E+13 ± 5.75E+12(+) 7.87E+07 ± 1.52E+08(-) 9.41E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+01(+) 6.36E+06 ± 2.20E±01(+) 6.36E+06 ± 2.20E±01(+) 8.90E+06 ± 2.19E±07(+) 8.90E+06 ± 2.19E±07(+) 8.00E+00 ± 0.00E+00(∞) 9.00E+00 ± 0.00E+00(∞) 8.00E+00 ± 0.00E+00(∞) 8.00E+00 ± 6.12E+01(+) 2.16E+01 ± 5.81E+03(∞) 8.00E+00 ± 5.81E+03(∞) 8.00E+00 ± 5.81E+03(∞) 8.00E+00 ± 1.12E+01(+) 2.16E+01 ± 5.81E+03(∞) 2.59E+08 ± 5.17E+07(∞)
$F_9$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $+$ $\vdots$ $FUN$ $F_1$ $F_2$ $F_3$ $F_4$ $F_5$ $F_6$	1.37E+13 ± 3.37E+12(∞) 3.73E+407 ± 8.37E+40(±0) 9.40E+407 ± 2.33E+405(∞) 9.40E+407 ± 2.33E+405(∞) 9.40E+407 ± 2.33E+405(∞) 9.40E+407 ± 2.33E+401(∞) 3.20E+406 ± 1.75E+406(∞) 7.82E+406 ± 1.125E+406(∞) 7.82E+406 ± 1.125E+406(∞) 7.82E+406 ± 1.125E+406(∞) 0.40E+407 ± 4.74E+406(∞) 9.40E+407 ± 4.74E+408(∞) 8.40E+407 ± 4.74E+408(∞) 8.40E+407 ± 4.74E+408(∞) 8.40E+407 ± 4.74E+408(∞) 3.40E+407 ± 3.23E+406(+) 1.406E+406 ± 1.23E+406(+) 1.406E+406 ± 1.23E+406(+)	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+03(∞) 9.41E+07 ± 1.55E+03(∞) 9.41E+07 ± 1.55E+03(∞) 9.41E+07 ± 1.52E+01(+) 9.10E+02 ± 1.32E+01(+) 9.10E+05 ± 1.32E+01(+) 9.10E+05 ± 1.12E+05(∞) 1.23E+08 ± 1.25E+05(∞) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.06; 9.41±4.07 ± 2.24±4.05(≈) 4.41±4.07 ± 2.24±4.05(≈) 4.41±4.07 ± 1.87±4.07(+) 9.51±4.02 ± 1.66±4.00(+) 5.50±4.02 ± 1.66±4.00(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.30±4.08 ± 1.22±4.07(+) 3 4 α=0.5, β=0.7 Mean±Sid 0.000±4.08 ± 1.77±6.03(+) 8.81±6.03 ± 1.77±6.03(+) 2.16±4.01 ± 5.21±6.03(≈) 2.26±4.01 ± 5.21±6.03(≈) 4.82±4.05 ± 3.07±4.06(+) 4.82±4.05 ± 3.07±4.06(+)	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05(≈) 9.30E+07 ± 2.50E+05(≈) 9.30E+07 ± 2.50E+00(+) 9.79E+02 ± 1.15E+00(+) 1.37E+07 ± 2.50E+06(+) 1.37E+07 ± 2.50E+06(+) 1.37E+07 ± 2.50E+06(+) 2 0.40E, β=0.7 Mean Skil 0.60E+06 ± 0.60E+00(≈) 9.50E+00 ± 0.60E+00(≈) 9.50E+00 ± 0.60E+00(≈) 9.50E+00 ± 1.02E+00(+) 1.21E+00 ± 1.02E+00(+) 4.90E+06 ± 3.14E+06(+) 4.90E+06 ± 3.14E+06(+)	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+03(∞) 9.40E+07 ± 2.06E+03(∞) 1.31E+08 ± 5.29E+07(+) 9.96E+02 ± 8.27E+00(+) 5.12E+08 ± 5.29E+07(+) 4.87E+07 ± 2.87E+07(+) 1.00 0.00 0.002.2, β=0.6 0.000E+0.00E+0.00€ 0.00E+0.00E+0.00€ 0.00E+0.00E+0.00€ 0.00E+0.00E+0.00€ 0.00E+0.00E+0.00€ 0.00E+0.00E+0.00€ 0.00E+0.00E+0.00€ 0.00E+0.00E+0.00E+0.00€ 0.00E+0.00E+0.00E+0.00€ 0.00E+0.	6.072E+13 ± 1.03E+13(+) 4.14E407 ± 2.0EE407(∞) 9.40E407 ± 2.28E+405(∞) 1.81E+408 ± 5.18E+407(+) 1.00E+403 ± 7.34E+408(+) 1.10E+409 ± 7.33E+408(+) 1.10E+408 ± 8.48E±407(+) 1.07E+408 ± 1.06E±407(+) 1.07E+408 ± 1.06E±407(+) 1.07E+408 ± 1.06E±407(+) 0.00E+400 ± 1.06E±407(+) 0.00E+400 ± 1.06E±407(±) 0.00E+400 ± 1.00E+400(∞) 0.80E+400 ± 0.00E+400(∞) 0.80E+400 ± 0.00E+400(∞) 0.60E+400 ± 0.00E+400(∞)	7.07±13 ± 1.12±13(+) 9.36±07 ± 1.42±048(∞) 9.36±07 ± 1.42±048(∞) 9.36±07 ± 1.77±040(∞) 9.36±07 ± 1.78±040(∞) 1.01±03 ± 8.80±000(+) 2.36±09 ± 1.23±09(∞) 1.08±08 ± 9.30±00(+) 1.08±08 ± 9.30±06(+) 1.08±08 ± 9.30±06(+) 0.000±09 ± 0.000±09(∞) 8.21±0.9 ± 1.06±0.9 ± 8.21±0.9 ± 1.06±0.9 ± 1.35±0.9 ± 1.06±0.9 ± 1.35±0.9 ± 3.05±0.8 ± 1.35±0.9 ± 1.3	1.3.2E+13 ± 3.70E+12(≈) 3.46E+07 ± 501E+06(≈) 9.41E+07 ± 2.22E+05(+) 4.04E+06 ± 1.49E+06(±) 8.88E+02 ± 2.95E+01(≈) 3.08E+06 ± 1.19E+06(≈) 5.62E+06 ± 1.19E+06(≈) 5.62E+06 ± 1.19E+06(≈) 12 α=0.5. β=0.6 Mean±Std 0.60E+06 ± 3.83E+06+0 0.60E+06 ± 3.83E+06 0.60E+06 ± 3.83E+06 0.50E+06 ± 3.83E+06 0.50E+06 ± 5.00E+06(±) 5.21E+09 ± 5.00E+06(±) 5.02E+06 ± 3.00E+06(±) 5.02E+06 ± 3.00E+06(±)	2.00£+13 ± 5.75£+12(+) 7.87£+07 ± 1.52£+08(-) 9.41£+07 ± 2.03£+05(+) 1.19£+07 ± 2.03£+05(+) 1.19£+07 ± 2.03£+01(+) 9.16£+02 ± 2.20£+01(+) 6.36£+06 ± 2.20£+01(+) 6.36£+06 ± 2.40£+05(∞) 1.20£+08 ± 2.19£±07(+) 8 0.201, 1.20±5 Mean 254 0.60€, 1.20±5 Mean 254 0.60€, 1.20±5 0.60€, 1.20±
$F_9$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $+$ $+$ $+$ $+$ $F_{15}$ $F_{16}$ $F_{17}$ $F_{18}$ $F_{19}$	1.378±13 ± 3.578±12(∞) 3.738±407 ± 8.378±405(∞) 9.400±407 ± 2.338±405(∞) 9.400±407 ± 2.338±405(∞) 9.400±407 ± 2.338±405(∞) 9.400±402 ± 2.798±401(∞) 3.208±406 ± 1.758±406(∞) 7.82±406 ± 1.108±407(*)  10  α=0.3, β=0.7  Mean±Std 0.006±400 ± 0.008±400(∞) 5.108±402 ± 2.758±401(·) 2.168±401 ± 4.748±403(∞) 4.748±403(∞) 4.748±403(∞) 4.748±403(∞) 4.748±403(∞) 4.748±403(∞) 4.748±403(∞) 4.748±403(∞) 4.748±403(∞) 4.748±403(∞) 4.748±403(∞) 4.748±403(∞) 4.748±403(∞) 4.748±403(∞)	2.12E+13 ± S.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.81E+07 ± 1.55E+05(∞) 9.81E+07 ± 1.55E+05(∞) 9.10E+02 ± 1.32E+01(+) 7.28E+06 ± 5.66E+06(+) 9.90E+06 ± 1.32E+01(+) 7.28E+06 ± 2.34E+06(+) 1.23E+08 ± 1.50E+07(+) 2 6 6 6 6 6 6 6 6 0.00E+06 ± 0.00E+00(∞) 1.74E+03 ± 2.41E+05(+) 2.16E+01 ± 5.61E+03(∞) 1.74E+03 ± 2.41E+05(+) 2.16E+01 ± 5.61E+03(∞) 1.71E+09 ± 3.91E+05(+) 4.77E+06 ± 3.07E+06(+) 1.70E+06 ± 9.75E+02(∞) 1.70E+06 ± 9.75E+02(∞)	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.08; 9.41±6.07 ± 2.24±6.05(≈) 4.41±6.07 ± 1.28±6.07(+) 9.55±6.02 ± 1.66±6.00(+) 5.50±6.07 ± 2.08±6.07(+) 1.31±6.07 ± 2.08±6.07(+) 1.31±6.07 ± 2.08±6.07(+) 8 8 4 4 4 6=0.5, β=0.7 Mean±Std 0.00±6.04 ⊕ 0.00€4.00(≈) 8.81±6.03 ± 1.77±6.03(+) 2.16±4.01 ± 5.21±6.03(≈) 2.56±6.07 ± 3.07±6.05(+) 1.06±6.04 ± 1.12±6.03(≈) 1.06±6.04 ± 1.12±6.	$4.45 \times 13 \pm 7.16 \times 12 \times 1$ $6.3 \times 12 \times 17 \pm 12 \times 12 \times 1$ $9.40 \times 107 \pm 2.50 \times 105 \times 2$ $9.40 \times 107 \pm 2.50 \times 105 \times 2$ $9.30 \times 107 \pm 2.50 \times 105 \times 2$ $9.79 \times 102 \pm 1.15 \times 100 \times 1$ $1.3 \times 104 \times 107 \times 107 \times 1$ $1.3 \times 104 \times 107 \times 107 \times 107 \times 1$ $1.3 \times 107 \times 107$	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.05E+08(≈) 9.40E+07 ± 2.06E+05(≈) 9.40E+07 ± 2.06E+05(≈) 1.31E+08 ± 8.27E+000(+) 5.12E+08 ± 8.27E+000(+) 1.31E+08 ± 8.43E+00(+) 1.3E+08 ± 8.43E+00(+) 1.3E+08 ± 8.43E+00(+) 1.3E+08 ± 8.43E+00(+) 0 5 α=0.2, β=0.6 Mean±Std Mean±Std 0.00E+00 ± 0.00E+00(≈) 5.40E+02 ± 3.50E+01(-) 2.16E+01 ± 5.27E+03(≈) 4.02E+08 ± 6.36E+07(+) 3.48E+06 ± 3.27E+04(8) 1.06E+06 ± 1.36E+03(≈) 3.11E+04 ± 9.8E+04(-) 1.06E+06 ± 1.36E+03(≈)	6.072±13 ± 1.032±13(+) 4.142±07 ± 2.02±07(∞) 9.00±07 ± 2.28±05(∞) 9.00±07 ± 2.28±05(∞) 1.81±08 ± 5.18±07(+) 1.00±03 ± 7.34±08(+) 1.11±09 ± 7.53±08(+) 1.01±08 ± 1.00±07(+) 1.07±08 ± 1.00±07(+) 1.00±00 ± 0.00±00(∞) 0.00±00 ± 0.00±00(∞) 5.08±02 ± 2.31±01(−) 2.16±01 ± 4.90±03(∞) 6.41±08 ± 7.99±07(+) 3.09±06 ± 3.24±06(+) 1.06±06 ± 3.24±06(+) 1.06±06 ± 3.24±06(+) 1.06±06 ± 3.24±06(+)	7.07 $\pm$ 13 ± 1.12 $\pm$ 13(+) 9.36 $\pm$ 107 ± 1.45 $\pm$ 408 $\pm$ 108 9.36 $\pm$ 107 ± 1.45 $\pm$ 408 $\pm$ 108 9.36 $\pm$ 107 ± 1.77 $\pm$ 105 $\pm$ 109 9.36 $\pm$ 107 ± 1.77 $\pm$ 105 $\pm$ 109 1.10 $\pm$ 103 ± 8.86 $\pm$ 100(+) 1.10 $\pm$ 103 ± 8.86 $\pm$ 100(+) 1.10 $\pm$ 104 ± 8.86 $\pm$ 100(+) 1.108 $\pm$ 108 ± 9.40 $\pm$ 106(+) 1.108 $\pm$ 10 ± 9.40 $\pm$ 100(+) 1.109 $\pm$ 10 ± 9.40 $\pm$ 100(+) 1.109 $\pm$ 10 ± 9.40 $\pm$ 100(+) 1.109 $\pm$ 10 ± 9.40 $\pm$ 1	1.32E+13 ± 3.70E+12(≈) 3.46E+07 ± 50E+06(≈) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(≈) 8.38E+02 ± 2.95E+01(≈) 8.38E+02 ± 1.49E+06(≈) 8.33E+06 ± 1.19E+06(≈) 8.33E+06 ± 1.19E+06(≈) 2.1 12 α=0.5, β=0.6 Mean±Std 0.09E+00 ± 0.00E+00(≈) 0.29E+03 ± 3.87E+05(+) 2.18E+09 ± 5.00E+06(≈) 2.18E+09 ± 5.00E+06(≈) 2.18E+09 ± 5.00E+06(≈) 1.06E+06 ± 9.99E+02(≈) 1.06E+06 ± 7.99E+02(≈)	2.00E+13 ± 5.75E+12(+) 7.87E+07 ± 1.52E+08(-) 9.41E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+01(+) 6.36E+06 ± 2.20E+01(+) 8.00E+06 ± 2.20E+01(+) 8.00E+06 ± 2.20E+01(+) 8.00E+06 ± 2.19E+07(+) 8.00E+06 ± 0.00E+00(∞) 8.00E+06 ± 0.00E+01(∞) 8.00E+06 ± 0.00E+01(∞) 8.00E+06 ± 5.51E+03(∞) 2.59E+08 ± 5.17E+07(∞) 1.14E+06 ± 5.51E+03(∞) 1.06E+06 ± 9.77E+02(∞) 1.06E+06 ± 9.77E+02(∞) 1.06E+06 ± 5.25E+03(∞)
$F_9$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $+$ $+$ $+$ $F_{15}$ $F$	1.37E+13 ± 3.37E+12(∞) 3.73E+407 ± 8.37E+40(±) 9.40E+407 ± 2.33E+405(∞) 9.40E+407 ± 2.33E+405(∞) 9.40E+402 ± 2.79E+401(∞) 3.20E+406 ± 1.75E+406(∞) 7.82E+406 ± 1.175E+406(∞) 7.82E+406 ± 1.10E+407(±) 2 0.4013, β=47,7 Mean±Stdl 0.4002± 2.79E+401(∞) 2.16E+401 ± 4.74E+43(∞) 8.40E+401 ± 2.79E+401(∞) 3.40E+401 ± 4.74E+43(∞) 3.40E+401 ± 4.74E+43(∞) 4.24E+404 ± 3.07E+401(∞) 4.24E+404 ± 3.07E+401(∞) 4.30E+13 ± 1.28E+403(∞) 4.24E+404 ± 3.07E+401(∞)	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+405(∞) 1.44E+07 ± 1.55E+405(∞) 1.44E+07 ± 5.66E+406(+) 9.10E+02 ± 1.32E+401(+) 7.28E+06 ± 5.66E+406(+) 9.30E+06 ± 1.12E+406(∞) 1.23E+08 ± 1.50E+407(+) 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3.43±1.3 ± 6.79±1.2(+) 6.23±0.7) ± 1.24±0.6(×) 9.41±0.7) ± 2.24±0.9(×) 9.41±0.7) ± 2.24±0.9(×) 9.41±0.7) ± 2.24±0.9(×) 9.5±0.2] ± 1.66±0.0(+) 9.5±0.2] ± 1.66±0.0(+) 1.31±0.7) ± 2.05±0.6(+) 1.31±0.7) ± 2.05±0.6(+) 1.31±0.7] ± 2.05±0.6(+) 1.30±0.8 ± 1.22±0.7(+) 4.40±0.8 ± 1.22±0.7(+) 4.40±0.8 ± 1.22±0.7(+) 4.40±0.8 ± 2.21±0.8(×) 2.16±0.8 ± 2.21±0.8(×) 4.42±0.6 ± 3.07±0.6(+) 1.06€2.66 ± 1.12±0.8(×) 3.20±0.5 ± 1.12±0.5(+) 4.69±0.8 ± 1.12±0.5(+) 4.69±0.8 ± 1.12±0.5(+)	$\begin{array}{l} 4.458\pm13\pm7.166\pm12(+)\\ 6.321\pm07\pm1.284\pm08.5\\ 9.401\pm07\pm2.591\pm0.5(\approx)\\ 9.401\pm07\pm2.591\pm0.5(\approx)\\ 9.401\pm07\pm2.591\pm0.5(\approx)\\ 9.791\pm0.2\pm1.151\pm0.0(+)\\ 9.791\pm0.2\pm1.151\pm0.0(+)\\ 1.371\pm0.7\pm9.51\pm0.0(+)\\ 1.371\pm0.7\pm9.51\pm0.0(+)\\ 1.371\pm0.7\pm9.51\pm0.0(+)\\ 1.371\pm0.7\pm9.51\pm0.0(+)\\ 1.371\pm0.7\pm9.51\pm0.0(+)\\ 1.371\pm0.7\pm9.51\pm0.0(+)\\ 1.371\pm0.7\pm9.17\pm0.0(+)\\ 1.371\pm0.7\pm9.17\pm0.0(+)\\ 1.371\pm0.7\pm9.17\pm0.0(+)\\ 1.371\pm0.7\pm9.17\pm0.0(+)\\ 1.371\pm0.17\pm0.0(+)\\ 1.371\pm0.0(+)\\ 1.371\pm0$	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+03(∞) 9.40E+07 ± 2.06E+03(∞) 1.31E+08 ± 5.29E+07(+) 9.96E+02 ± 8.27E+00(+) 5.12E+08 ± 5.29E+07(+) 4.87E+07 ± 2.87E+07(+) 1.02E+08 ± 8.33E+06(+) 0.02.2 β=0.6 Mean±Sid 0.00E, 8.36E+06(∞) 0.00E, 8.36E+06(∞) 0.00E, 8.36E+06(∞) 0.40E+08 ± 5.27E+08(∞) 0.40E+08 ± 5.27E+08(∞) 0.40E+08 ± 5.27E+08(∞) 0.40E+08 ± 5.27E+08(∞) 0.40E+08 ± 1.36E+03(∞) 0.40E+08 ± 2.28E+12(∞) 0.40E+08 ±	6.072E+13 ± 1.03E+13(+) 4.14E407 ± 2.0E±107(∞) 9.40E+07 ± 2.28E±105(∞) 1.81E+08 ± 5.18E±07(+) 1.00E+03 ± 7.34E+08(+) 1.10E+09 ± 7.33E+08(+) 1.10E+08 ± 8.48E±07(+) 1.07E+08 ± 1.06E±07(+) 1.07E+08 ± 1.06E±07(±) 1.07E+08 ± 2.34E±01(±) 2.16E+01 ± 4.99E±03(∞) 3.19E±04 ± 2.34E±06(+) 3.19E±04 ± 2.34E±06(+) 3.19E±04 ± 2.34E±06(+) 3.19E±04 ± 1.03E±03(∞) 3.19E±04 ± 2.34E±06(+)	7.0724-13 ± 1.124-13(+) 9.3624-07 ± 1.4254-04(8) 9.3624-07 ± 1.7724-05(8) 9.3624-07 ± 1.7724-05(8) 9.3624-07 ± 1.7724-05(8) 9.3624-07 ± 1.7724-05(8) 1.0124-03 ± 8.8024-00(+) 1.024-03 ± 8.8024-00(+) 1.0324-03 ± 8.8024-00(+) 1.0324-03 ± 8.8024-00(+) 1.0324-03 ± 9.0024-00(+) 1.0324-03 ± 9.0024-00(+) 1.0324-03 ± 9.0024-00(**) 1.0324-03 ± 9.0024-00(**) 2.1624-01 ± 6.512-33(8) 1.3524-01 ± 6.512-33(8) 1.3524-01 ± 6.512-33(8) 1.3524-01 ± 3.0524-06(+) 1.3624-01 ± 3.0524-06(+) 1.3624-01 ± 3.0524-06(+) 1.3624-01 ± 3.0524-06(+) 1.3624-01 ± 3.0524-06(+) 3.0424-06 ± 3.0524-06(+) 3.0424-06 ± 3.0324-06(+) 3.0424-06 ± 3.0324-06(+) 3.0424-06 ± 3.0324-06(+) 3.0424-06 ± 3.0324-06(+) 3.0424-06 ± 3.0324-06(+) 3.0424-06 ± 3.0324-06(+) 3.0424-06 ± 3.0324-06(+)	1.32E+13 ± 3.70E+12(≈) 3.46E+07 ± 501E+06(≈) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(≈) 8.98E+02 ± 2.93E+01(≈) 3.08E+06 ± 1.19E+06(≈) 5.62E+06 ± 1.19E+06(≈) 5.62E+06 ± 1.13E+06(+) 2 1 α=0.5, β=0.6 Mean±Sid 0.003+06 ± 0.00E+06(≈) 0.29E+03 ± 3.50E+06(≈) 5.29E+03 ± 3.50E+06(≈) 5.12E+05 ± 5.00E+06(⇒) 5.12E+05 ± 5.00E+06(+) 5.10E+106 ± 5.00E+06(+) 5.10E+106 ± 7.15E+06(+) 5.10E+106 ± 9.99E+102(≈) 1.60E+106 ± 9.99E+102(≈) 1.60E+106 ± 9.99E+102(≈) 1.60E+106 ± 9.99E+102(≈) 1.60E+106 ± 7.15E+04(+)	$\begin{array}{c} 2.002e+13\pm5.75E+12(+)\\ -2.002e+13\pm5.75E+04(-)\\ -9.41E+07\pm2.03E+05(+)\\ -9.41E+07\pm2.03E+05(+)\\ -9.161E+07\pm2.03E+05(+)\\ -9.161E+02\pm2.03E+01(+)\\ -6.36E+06\pm2.29E+001(+)\\ -6.36E+06\pm2.29E+001(+)\\ -8.90E+06\pm7.40E+05(\infty)\\ -1.20E+08\pm2.19E+07(+)\\ -3.00E+08\pm2.19E+07(+)\\ -3.00E+08\pm2.19E+07(+)\\ -3.00E+08\pm2.19E+07(+)\\ -3.00E+08\pm2.19E+07(+)\\ -3.00E+09\pm2.19E+07(+)\\ -2.59E+08\pm5.17E+07(\infty)\\ -2.59E+08\pm5.17E+07(\infty)\\ -2.59E+08\pm5.17E+07(\infty)\\ -1.16E+06\pm1.93E+06(\infty)\\ -1.16E+06\pm1.93E+06(\infty)\\ -1.16E+06\pm1.93E+06(\infty)\\ -1.16E+06\pm5.23E+05(\infty)\\ -1.16E+06\pm5.23E+05(\infty)\\ -1.27E+13\pm2.23E+12(\infty)\\ -5.33E+05\pm2.23E+12(\infty)\\ -5.23E+05\pm5.23E+105(+)\\ -1.27E+13\pm2.23E+12(\infty)\\ -1.27E+13$
$F_9$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $+$ $F_{15}$	1.378±13 ± 3.378±12(∞) 3.738±407 ± 8.378±40(5) 9.400±407 ± 2.338±405(∞) 9.400±407 ± 2.338±405(∞) 9.400±407 ± 2.338±405(∞) 9.018±402 ± 2.798±401(∞) 3.208±406 ± 1.758±406(∞) 7.82±406 ± 1.108±407(*) 3 2 10 α=0.3, β=0.7 Meam±Std 0.006±400 ± 0.008±400(∞) 5.108±402 ± 2.758±401(·) 2.168±401 ± 4.748±403(∞) 4.7	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.81E+07 ± 1.55E+05(∞) 9.81E+06 ± 1.12E+05(∞) 1.23E+06 ± 1.12E+05(∞) 1.23E+06 ± 1.12E+05(∞) 1.23E+06 ± 1.12E+05(∞) 1.23E+05 ± 1.50E+07(+) 0.06E+06 ± 0.00E+060(∞) 1.74E+03 ± 2.41E+03(-) 1.66E+06 ± 9.75E+02(∞) 1.71E+09 ± 3.91E+05(+) 4.77E+06 ± 3.07E+05(+) 4.77E+06 ± 3.07E+05(+) 4.72E+13 ± 7.38E+12(+) 4.23E+07 ± 4.95E+06(+) 4.23E+07 ± 4.95E+06(	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.08(-) 9.41±6.07 ± 2.24±6.05(∞) 4.41±6.07 ± 2.24±6.05(∞) 4.41±6.07 ± 2.24±6.05(∞) 5.50±6.07 ± 2.08±6.07(+) 1.31±6.07 ± 2.08±6.07(+) 1.31±6.07 ± 2.08±6.07(+) 1.31±6.07 ± 2.08±6.07(+) 1.31±6.07 ± 2.08±6.07(+) 1.30±6.08 ± 1.22±6.07(+) 1.30±6.08 ± 1.22±6.07(+) 1.30±6.08 ± 1.22±6.03(+) 1.30±6.08 ± 1.27±6.03(+) 1.21±6.03 ± 1.77±6.03(+) 1.21±6.03 ± 1.77±6.03(+) 1.21±6.04 ± 3.07±6.05(+) 1.06±6.04 ± 1.12±6.03(∞) 3.20±6.05 ± 1.51±6.05(+) 4.69±6.13 ± 1.51±6.05(+) 4.69±6.13 ± 1.68±6.12(+) 1.20±6.03 ± 1.51±6.05(+) 4.69±6.13 ± 6.84±6.12(+) 1.20±6.03 ± 1.26±6.03(∞)	4.45E+13 ± 7.16E+12(±) 6.32E+07 ± 1.28E+08(±) 9.40E+07 ± 2.50E+05(≅) 9.40E+07 ± 2.50E+05(≅) 9.40E+07 ± 2.50E+05(≅) 9.40E+02 ± 1.15E+00(±) 9.79E+02 ± 1.15E+00(±) 1.38E+07 ± 2.95E+05(±) 1.13E+07 ± 2.95E+05(±) 1.13E+07 ± 2.95E+05(±) 9.60E+00 ± 9.91E+05(±) 4 α=0.6, β=0.7 Mean±Std 0.00E+00 ± 0.00E+00(≈) 9.63E+03 ± 1.62E+02(±) 2.16E+01 ± 5.75E+03(≅) 3.21E+09 ± 1.92E+03(±) 4.90E+06 ± 9.11E+02(≅) 8.38E+05 ± 5.75E+03(≅) 8.38E+05 ± 2.97E+05(±) 5.31E+13 ± 8.39E+12(±) 5.31E+13 ± 8.39E+12(±) 5.41E+13 ± 8.39E+12(±)	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.05E+08(±) 9.40E+07 ± 2.06E+05(≅) 9.40E+07 ± 2.06E+05(≅) 1.31E+08 ± 8.27E+000(+) 5.12E+08 ± 8.27E+000(+) 4.87E+07 ± 2.87E+07(+) 1.13E+08 ± 8.43E+05(±) 0 5.0 0.06E+00 ± 8.43E+05(±) 0.06E+00 ± 0.00E+000(≅) 5.40E+02 ± 3.60E+01(-) 2.16E+01 ± 8.27E+03(≅) 4.02E+08 ± 6.36E+07(+) 3.48E+06 ± 3.27E+03(≅) 4.02E+08 ± 3.27E+04(≅) 1.36E+01 ± 3.27E+03(≅) 3.18E+01 ± 4.98E+04(-) 1.76E+13 ± 5.28E+12(+) 3.11E+01 ± 4.98E+04(-) 1.76E+13 ± 5.28E+12(+) 3.11E+01 ± 6.50E+05(-)	6.072±13 ± 1.032±13(+) 4.142±07 ± 2.02±07(∞) 9.00±07 ± 2.28±05(∞) 1.81±08 ± 5.18±07(+) 1.00±03 ± 7.34±08(+) 1.00±03 ± 7.34±08(+) 1.01±08 ± 1.00±07(+) 1.01±08 ± 1.00±07(+) 1.01±08 ± 1.00±07(+) 1.02±08 ± 1.00±07(+) 1.00±00 ± 0.00±00(∞) 0.00±00 ± 0.00±00(∞) 5.08±02 ± 2.31±01(-) 2.16±01 ± 4.90€-03(∞) 6.41±08 ± 7.99±07(+) 3.09±00 ± 3.24±06(+) 1.06±06 ± 1.03±03(∞) 3.19±04 ± 2.50±04(+) 1.06±06 ± 1.03±03(∞) 3.19±04 ± 2.50±04(+) 1.06±06 ± 1.03±03(∞) 3.19±04 ± 2.50±04(+) 2.99±13 ± 7.52±12(+) 4.64±07 ± 8.75±07(+)	7.07±13 ± 1.12±13(+) 9.3€1407 ± 1.45±408(∞) 9.3€1407 ± 1.45±408(∞) 9.3€1407 ± 1.77±405(∞) 9.3€1407 ± 1.77±405(∞) 9.3€1407 ± 1.77±405(∞) 1.01±403 ± 8.86±400(+) 2.36±409 ± 1.23±409(+) 1.08±408 ± 9.40±406(+) 1.08±408 ± 9.40±406(+) 1.08±408 ± 9.40±406(+) 1.00±409 ± 9.40±406(+) 1.00±409 ± 9.40±406(+) 0.00±409 ± 0.00±404(∞) 8.21±402 ± 1.60±403(+) 2.16±401 ± 3.03±406(+) 1.35±409 ± 3.03±406(+) 1.36±409 ± 3.03±403(∞) 1.36±401 ± 3.03±406(+) 1.36±413 ± 7.73±412(+) 3.34±413 ± 7.73±412(+) 3.34±413 ± 7.73±412(+)	1.32E+13 ± 3.70E+12(≈) 3.46E+07 ± 50E+06(≈) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(≈) 8.38E+02 ± 2.95E+01(≈) 8.38E+02 ± 2.95E+01(≈) 8.33E+06 ± 1.19E+06(≈) 5.62E+06 ± 1.34E+06(+) 2 1 2 α=0.5, β=0.6 Mean±Std 0.09E+00 ± 0.00E+00(≈) 6.29E+03 ± 3.87E+05(+) 2.18E+09 ± 5.06E+06(≈) 5.02E+06 ± 3.87E+05(+) 1.06E+05 ± 5.97E−03(≈) 6.29E+03 ± 3.87E+05(+) 1.06E+05 ± 5.97E−03(≈) 4.50E+06 ± 7.97E+02(≈) 4.50E+13 ± 7.70E+12(+) 4.48E+07 ± 7.75E+04(+)	2.00E+13 ± 5.75E+12(+) 7.87E+07 ± 1.52E+08(-) 9.41E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.91E+02 ± 2.20E+01(+) 6.36E+06 ± 2.20E+01(+) 8.90E+106 ± 7.40E+05(≈) 1.20E+08 ± 2.19E+07(+) 8.90E+106 ± 7.40E+05(≈) 1.20E+08 ± 2.19E+07(+) 8.06E+00 ± 0.00E+00(∞) 8.06E+00 ± 0.00E+00(∞) 8.06E+00 ± 0.00E+00(∞) 8.06E+00 ± 5.31E+03(∞) 1.16E+01 ± 5.31E+03(∞) 1.20E+01 ± 5.32E+03(∞) 1.20E+01 ± 5.32E+0
$F_{0}$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $+$ $F_{15}$	1.37E+13 ± 3.37E+12(∞) 3.37E+07 ± 8.37E+04(∞) 9.40E+07 ± 2.33E+04(∞) 9.40E+07 ± 2.33E+04(∞) 9.40E+04 ± 4.81E+04(∞) 9.01E+02 ± 2.79E+01(∞) 3.20E+06 ± 1.75E+04(∞) 3.20E+06 ± 1.10E+07(+) 3 2 10 20 40.00 ± 1.00E+07(+) 3.40E+02 ± 2.20E+00(∞) 3.40E+03 ± 3.20E+00(∞) 4.20E+03 ± 3.2	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+405(∞) 1.44E+07 ± 1.55E+405(∞) 1.44E+07 ± 5.66E+406(+) 9.10E+02 ± 1.32E+401(+) 7.28E+06 ± 5.66E+406(+) 9.30E+06 ± 1.12E+406(∞) 1.23E+08 ± 1.50E+07(+) 2 6 6 6 6.004.β=0.7  Mean±Stal 0.00E+06(∞) 1.74E+03 ± 2.9E+03(∞) 1.74E+03 ± 3.9E+03(∞) 1.74E+0	3.43±1.3 ± 6.79±1.2(+) 6.23±0.7) ± 1.24±0.6(×) 9.41±0.7) ± 2.24±0.5(≈) 4.41±0.7) ± 2.24±0.5(∞) 4.41±0.7) ± 2.98±0.7(+) 1.31±0.7) ± 2.05±0.6(+) 1.31±0.7) ± 2.05±0.6(+) 1.31±0.7) ± 2.05±0.6(+) 1.31±0.7) ± 2.05±0.6(+) 1.31±0.7) ± 2.05±0.6(+) 1.31±0.7) ± 2.05±0.6(+) 1.31±0.7) ± 2.05±0.7(+) 0.00±0.5, β±0.7 Mean±Sta 0.00±0.5, β±0.7 Mean±Sta 0.00±0.70±0.70±0.70 2.16±0.70±0.70±0.70 2.16±0.70±0.70±0.70 2.16±0.70±0.70±0.70 2.16±0.70±0.70±0.70 2.16±0.70±0.70±0.70 2.16±0.70±0.70±0.70±0.70 2.10±0.70±0.70±0.70±0.70±0.70±0.70 2.10±0.70±0.70±0.70±0.70±0.70±0.70±0.70±0	$\begin{array}{c} 4.458\pm13\pm7.168\pm12(+)\\ 6.328\pm07\pm1.288\pm08.5\\ 9.400\pm07\pm2.598\pm00.5(\approx)\\ 9.400\pm07\pm2.598\pm0.0(\approx)\\ 9.900\pm02\pm1.158\pm0.0(+)\\ 9.998\pm02\pm1.158\pm0.0(+)\\ 1.378\pm07\pm2.958\pm0.0(+)\\ 1.378\pm07\pm2.958\pm0.0(+)\\ 1.378\pm07\pm2.958\pm0.0(+)\\ 1.378\pm0.7\pm9.958\pm0.0(+)\\ 1.38\pm0.8\pm0.7\\ 0.600.6, \beta=0.7\\ \text{Mean}\pm5.63\\ 0.600\pm0.0(\pm0.00\pm0.00\pm0.00\pm0.00\pm0.00\pm0.00$	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+03(∞) 9.40E+07 ± 2.06E+03(∞) 1.31E+08 ± 5.29E+07(+) 9.96E+02 ± 8.27E+00(+) 5.12E+08 ± 5.29E+07(+) 1.13E+08 ± 8.33E+06(+) 10 0.5 5.0E+08 ± 8.33E+06(+) 10 0.0E+09(-) 0.	6.072E+13 ± 1.03E+13(+) 4.14E407 ± 2.0EE407(∞) 9.40E407 ± 2.28E±405(∞) 1.81E+408 ± 5.18E±407(+) 1.00E±403 ± 7.34E±408(+) 1.16E+408 ± 8.48E±407(+) 1.07E+408 ± 1.06E±407(+) 1.07E+408 ± 1.00E±407(∞) 2.06E+40 ± 2.00E±404(∞) 3.09E±40 ± 2.00E±404(+) 3.09E±40 ± 2.00E±404(+) 3.10E±40 ± 2.50E±404(+) 3.10E±40 ± 2.50E±404(+) 4.64E±407 ± 8.75E±407(+) 4.64E±407 ± 8.75E±407(+)	$\begin{array}{c} 7.075\pm13\pm1.125\pm13(+)\\ 9.36\pm071\pm145\pm0.08(+)\\ 9.36\pm071\pm1.455\pm0.08(+)\\ 9.41\pm071\pm1.775\pm0.08(+)\\ 2.05\pm408\pm4.79\pm0.01(+)\\ 1.01\pm403\pm8.806\pm0.00(+)\\ 2.36\pm409\pm1.236\pm0.09(+)\\ 5.14\pm408\pm4.725\pm0.08(+)\\ 1.08\pm08\pm9.205\pm0.08(+)\\ 1.08\pm08\pm9.205\pm0.08(+)\\ 1.08\pm08\pm9.205\pm0.08(+)\\ 1.08\pm0.08\pm0.08(+)\\ 1.08\pm0.08(+)\\ 1.08\pm0.0$	$\begin{array}{c} 1.32E+13\pm3.70E+12(28)\\ 3.46E+07\pm50E+06(8)\\ 9.41E+07\pm2.23E+05(9)\\ 4.01E+06\pm1.49E+06(\pm1.49E$	$\begin{array}{c} 2.002e+13\pm5.75E+12(+)\\ -2.002e+13\pm5.75E+04(-)\\ -9.41E+07\pm2.03E+05(+)\\ -9.41E+07\pm2.03E+05(+)\\ -9.161E+07\pm2.03E+05(+)\\ -9.161E+02\pm2.03E+01(+)\\ -5.36E+06\pm2.57SE+05(-)\\ -5.36E+06\pm2.29E+001(+)\\ -5.36E+06\pm2.29E+001(+)\\ -5.36E+06\pm2.19E+07(+)\\ -8.902e+06\pm7.40E+05(-)\\ -8.902e+06\pm7.40E+05(-)\\ -8.902e+06\pm2.19E+07(-)\\ -8.902e+06\pm0.29E+06+06=0\\ -9.902e+06\pm0.29E+06+06=0\\ -9.902e+06\pm0.29E+06+06=0\\ -9.902e+06\pm0.29E+06=0\\ -9.902e+06=06\pm0.29E+06=0\\ -9.902e+06=06\pm0.29E+06=0\\ -9.902e+06=06\pm$
F <sub>9</sub> F <sub>10</sub> F <sub>11</sub> F <sub>11</sub> F <sub>12</sub> F <sub>13</sub> F <sub>15</sub> + - ≈ FUN F <sub>1</sub> F <sub>2</sub> F <sub>3</sub> F <sub>4</sub> F <sub>5</sub> F <sub>6</sub> F <sub>7</sub> F <sub>8</sub> F <sub>9</sub> F <sub>10</sub> F <sub>10</sub>	1.37E+13 ± 3.37E+12(≈) 3.73E+407 ± 8.37E+40(±) 9.40E+407 ± 2.33E+40(5)≈) 9.40E+407 ± 2.33E+40(5)≈) 9.40E+407 ± 2.33E+40(±) 9.40E+407 ± 2.75E±40(±) 3.20E+406 ± 1.75E±40(±) 7.82E+406 ± 1.75E±40(±) 7.82E+406 ± 1.12E±40(±) 7.82E+406 ± 1.12E±40(±) 7.82E+406 ± 1.25E±40(±) 7.82E+406 ± 1.25E±40(±) 1.00E+400 ± 0.40E±400(≈) 5.10E+407 ± 2.75E±40(±) 1.10E±407 ± 1.25E±40(±) 1.34E±407 ± 1.25E±40(±) 1.34E±407 ± 1.25E±40(±) 1.34E±407 ± 1.25E±40(±) 9.40E±407 ± 2.85E±40(±) 9.40E±407 ± 2.85E±40(≈) 9.40E±407 ± 2.85E±40(≈) 9.40E±407 ± 2.85E±40(≈) 9.40E±407 ± 2.85E±40(≈)	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.81E+07 ± 1.55E+05(∞) 9.81E+06 ± 1.12E+05(∞) 1.23E+06 ± 1.12E+05(∞) 1.23E+06 ± 1.12E+05(∞) 1.23E+06 ± 1.12E+05(∞) 1.23E+05 ± 1.50E+07(+) 0.06E+06 ± 0.00E+060(∞) 1.74E+03 ± 2.41E+03(-) 1.66E+06 ± 9.75E+02(∞) 1.71E+09 ± 3.91E+05(+) 4.77E+06 ± 3.07E+05(+) 4.77E+06 ± 3.07E+05(+) 4.72E+13 ± 7.38E+12(+) 4.23E+07 ± 4.95E+06(+) 4.23E+07 ± 4.95E+06(	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.05(-) 9.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 5.50±6.07 ± 1.85±6.07(-) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.30±4.08 ± 1.22±4.07(+) 4.40±0.25 ± 2.05±4.06(+) 2.16±4.01 ± 5.21±3.03(∞) 2.16±4.01 ± 5.21±3.03(∞) 2.16±4.01 ± 5.21±3.03(∞) 2.16±4.01 ± 1.24±4.03(∞) 4.52±4.05 ± 3.05±4.06(+) 1.06±4.06 ± 1.12±4.03(∞) 4.62±4.01 ± 1.26±4.03(∞)	4.45E+13 ± 7.16E+12(±) 6.32E+07 ± 1.28E+08(±) 9.40E+07 ± 2.50E+05(≅) 9.40E+07 ± 2.50E+05(≅) 9.40E+07 ± 2.50E+05(≅) 9.40E+02 ± 1.15E+00(±) 9.79E+02 ± 1.15E+00(±) 1.38E+07 ± 2.95E+05(±) 1.13E+07 ± 2.95E+05(±) 1.13E+07 ± 2.95E+05(±) 9.60E+00 ± 9.91E+05(±) 4 α=0.6, β=0.7 Mean±Std 0.00E+00 ± 0.00E+00(≈) 9.63E+03 ± 1.62E+02(±) 2.16E+01 ± 5.75E+03(≅) 3.21E+09 ± 1.92E+03(±) 4.90E+06 ± 9.11E+02(≅) 8.38E+05 ± 5.75E+03(≅) 8.38E+05 ± 2.97E+05(±) 5.31E+13 ± 8.39E+12(±) 5.31E+13 ± 8.39E+12(±) 5.41E+13 ± 8.39E+12(±)	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+04(8) 9.40E+07 ± 2.06E+05(8) 9.40E+07 ± 2.06E+05(8) 9.40E+07 ± 2.06E+05(8) 9.51E+08 ± 3.27E+00(+) 9.51E+08 ± 3.27E+00(+) 4.87E+07 ± 2.87E+07(+) 1.13E+08 ± 8.33E+06(+) 1.13E+08 ± 8.33E+06(+) 0.00E+00 ± 0.00E+00(≈) 5.40E+02 ± 3.06E+01(-) 2.16E+01 ± 5.27E+33(≈) 4.02E+08 ± 6.16E+07(+) 3.48E+06 ± 3.27E+06(+) 1.16E+04 ± 1.36E+03(-) 1.16E+35 ± 3.28E+06(+) 1.16E+35 ± 3.28E+13(+) 3.11E+07 ± 3.28E+13(≈) 9.40E+07 ± 2.72E+03(≈) 9.40E+07 ± 2.72E+03(≈) 9.40E+07 ± 2.72E+03(≈) 9.40E+07 ± 2.72E+03(≈)	$6.072 + 13 \pm 1.032 + 13 + 1$ $4.142407 \pm 2.021 + 20 (58)$ $9.402 + 407 \pm 2.282 + 405 (8)$ $1.812 + 408 \pm 5.182 + 407 (+)$ $1.002 + 403 \pm 7.342 + 401 (+)$ $1.112 + 409 \pm 7.332 + 408 (+)$ $1.072 + 408 \pm 1.002 + 407 (+)$ $1.072 + 409 \pm 1.002 + 407 (+)$ 1	7.07±13 ± 1.12±13(+) 9.3€1407 ± 1.45±408(∞) 9.3€1407 ± 1.45±408(∞) 9.3€1407 ± 1.77±405(∞) 9.3€1407 ± 1.77±405(∞) 9.3€1407 ± 1.77±405(∞) 1.01±403 ± 8.86±400(+) 2.36±409 ± 1.23±409(+) 1.08±408 ± 9.40±406(+) 1.08±408 ± 9.40±406(+) 1.08±408 ± 9.40±406(+) 1.00±409 ± 9.40±406(+) 1.00±409 ± 9.40±406(+) 0.00±409 ± 0.00±404(∞) 8.21±402 ± 1.60±403(+) 2.16±401 ± 3.03±406(+) 1.35±409 ± 3.03±406(+) 1.36±409 ± 3.03±403(∞) 1.36±401 ± 3.03±406(+) 1.36±413 ± 7.73±412(+) 3.34±413 ± 7.73±412(+) 3.34±413 ± 7.73±412(+)	$\begin{array}{c} 1.32E+13\pm3.70E+12(28)\\ 3.46E+07\pm5.01E+06(8)\\ 9.41E+07\pm2.23E+05(9)\\ 9.41E+07\pm2.23E+05(9)\\ 9.41E+07\pm2.23E+05(9)\\ 9.41E+07\pm2.23E+05(9)\\ 8.38E+02\pm2.23EE+01(8)\\ 8.38E+06\pm1.19E+06(82)\\ 5.62E+06\pm1.13EE+06(82)\\ 5.62E+06\pm1.13EE+06(82)\\ 12\\ \alpha=0.5, \beta=0.6\\ Mean±Scil\\ 0.00E+00\pm0.00E+00(82)\\ 0.29E+03\pm3.87E+03(9)\\ 2.16E+09\pm3.87E+03(9)\\ 2.16E+09\pm3.87E+03(9)\\ 5.02E+06\pm3.00E+06(9)\\ 4.38E+07\pm9.00E+06(9)\\ 4.38E+07\pm1.73E+03(8)\\ 9.41E+07\pm1.73E+03(8)\\ 9.41E+07\pm1.73E+07+07+07+07+07+07+07+07+07+07$	$\begin{array}{c} 2.0026+13\pm5.75E+12(+)\\ 2.0026+13\pm5.75E+040(+)\\ 9.41E+07\pm2.03E+05(+)\\ 9.41E+07\pm2.03E+05(+)\\ 9.16E+02\pm2.03E+01(+)\\ 9.16E+02\pm2.03E+01(+)\\ 9.16E+02\pm2.03E+01(+)\\ 8.50E+06\pm7.03E+03(+)\\ 1.20E+08\pm2.19E+07(+)\\ 8.50E+06\pm7.03E+03(+)\\ -3.4\\ -\alpha=0.1,\ \beta=0.5\\ -3.4\\ -\alpha=0.1,\ \beta=0.5\\ -3.6\\ -4.0\\ -3.06E+02\pm0.03E+03(+)\\ -3.06E+02\pm0.03E+03(+)\\ -3.06E+02\pm5.75E+03(+)\\ -3.06E+02\pm5.75E+03(+)\\ -3.06E+02\pm5.75E+03(+)\\ -3.06E+02\pm5.75E+03(+)\\ -3.06E+03\pm5.75E+03(+)\\ -3.06E+03(+)\\ -3.06E+03(+)\\ -3.06E+03(+)\\ -3.06E+03(+)\\ -3.06E+03(+)\\ -3.06E+03(+$
$F_{0}$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ + $F_{15}$ $F_{1}$ $F_{1}$ $F_{2}$ $F_{3}$ $F_{4}$ $F_{5}$ $F_{6}$ $F_{7}$ $F_{8}$ $F_{9}$ $F_{10}$ $F_{11}$ $F_{11}$ $F_{12}$ $F_{13}$	1.37E+13 ± 3.37E+12(∞) 3.73E+407 ± 8.37E+40(±0) 9.40E+407 ± 2.33E+40(±0) 9.40E+407 ± 2.33E+40(±0) 9.40E+407 ± 2.33E+40(±0) 9.40E+407 ± 2.75E+40(±0) 3.20E+406 ± 1.75E+40(±0) 7.82E+406 ± 2.75E+40(±0) 7.82E+406 ± 3.73E+40(±0) 7.83E+406 ± 2.33E+40(±0) 7.83E+406 ± 2.33E+40(±0) 7.83E+406 ± 2.33E+40(±0) 7.33E+406 ± 2.33E+406 ± 2.33E+4	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+05(∞) 9.41E+07 ± 1.55E+05(∞) 9.10E+02 ± 1.32E+01(+) 7.28E+06 ± 1.32E+01(+) 7.28E+06 ± 1.12E+01(∞) 1.23E+06 ± 1.12E+01(∞) 1.23E+08 ± 1.12E+01(∞) 1.23E+08 ± 1.12E+01(∞) 1.23E+08 ± 1.12E+01(∞) 1.23E+08 ± 2.41E+03(-) 0.00E+00 ± 0.00E+001(∞) 1.74E+03 ± 2.41E+03(-) 1.74E+03 ± 2.41E+03(-) 1.74E+03 ± 3.91E+03(+) 1.71E+09 ± 2.81E+03(+) 1.71E+03 ± 2.81E+03(	3.43±13 ± 6.79±12(±) 6.23±6.07 ± 1.24±6.05; 9.41±4.07 ± 2.24±4.05(≈) 4.41±4.07 ± 2.24±4.05(≈) 4.41±4.07 ± 2.24±4.05(≈) 5.50±6.07 ± 2.08±4.05(±) 1.31±4.07 ± 2.08±4.06(±) 1.31±4.07 ± 2.08±4.06(±) 1.31±4.07 ± 2.08±4.06(±) 1.31±4.07 ± 2.08±4.06(±) 1.31±4.07 ± 2.08±4.06(±) 1.30±4.08 ± 1.22±4.07(±) 4.40±4.08 ± 0.00€4.00(≈) 8.81±4.03 ± 1.77±4.03(±) 2.16±4.01 ± 5.21±3.03(≈) 2.26±4.03 ± 3.09±4.06(±) 1.30±4.03 ± 3.09±4.06(±) 1.30±4.03 ± 3.09±4.06(±) 1.30±4.03 ± 1.12±4.03(≈) 3.20±4.03 ± 1.12±4.03(≈) 9.40±4.03 ± 2.08±4.03(≈) 9.40±4.03 ± 2.08±4.03(≈) 9.40±4.03 ± 2.08±4.03(≈) 9.40±4.03 ± 2.08±4.03(≈) 9.40±4.03 ± 3.09±4.03(≈) 9	$\begin{array}{c} 4.45E+13\pm7.16E+12(+)\\ 6.32E+07\pm1.28E+08(+)\\ 9.40E+07\pm2.50E+05(\infty)\\ 9.40E+07\pm2.50E+05(\infty)\\ 9.50E+02\pm1.50E+00(+)\\ 9.79E+02\pm1.15E+00(+)\\ 9.79E+02\pm1.15E+00(+)\\ 1.37E+07\pm2.50E+06(+)\\ 1.13E+08\pm9.91E+06(+)\\ 1.13E+09\pm9.91E+06(+)\\ 1.13E+09\pm9.91E+06(+)\\ 4.0E+09\pm9.91E+06(+)\\ 9.53E+03\pm1.02E+00(+)\\ 9.53E+03\pm1.02E+00(+)\\ 1.16E+09\pm3.72E+09\pm1.02E+00(+)\\ 4.00E+09\pm3.72E+09\pm1.02E+00(+)\\ 4.00E+09\pm3.72E+09\pm1.02E+00(+)\\ 4.00E+09\pm3.72E+09\pm1.02E+00(+)\\ 4.00E+09\pm3.72E+09\pm1.02E+00(+)\\ 4.00E+09\pm3.72E+09\pm1.02E+00(+)\\ 4.00E+09\pm3.72E+09\pm1.02E+00(+)\\ 1.37E+09\pm3.72E+09\pm1.02E+00(+)\\ 9.40E+07\pm3.37E+09\pm1.02E+00(+)\\ 9.40E+07\pm3.37E+09\pm0.28E+00(+)\\ 9.40E+07\pm3.37E+09\pm0.28E+00(+)\\ 9.40E+07\pm3.37E+09\pm0.28E+00(+)\\ 9.40E+07\pm3.37E+09\pm0.28E+00(+)\\ 9.40E+07\pm3.37E+09\pm0.28E+00(+)\\ 9.40E+07\pm3.37E+09\pm0.28E+00(+)\\ 9.40E+07\pm3.37E+09\pm0.28E+00(+)\\ 9.40E+07\pm3.37E+09\pm0.28E+00(+)\\ 9.40E+07\pm3.37E+00(+)\\ 9.40E+07\pm3.37E+00$	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 9.51E+08 ± 5.29E+07(+) 9.51E+08 ± 5.29E+07(+) 4.87E+07 ± 2.87E+07(+) 1.13E+08 ± 8.33E+06(+) 1.13E+08 ± 8.33E+06(+) 0.60E+00 ± 0.06E+00(∞) 5.40E+02 ± 3.06E+01(-) 2.16E+01 ± 5.27E+03(∞) 4.02E+08 ± 5.36E+01(-) 2.16E+01 ± 5.27E+03(∞) 4.02E+08 ± 6.36E+07(+) 3.48E+06 ± 3.27E+06(+) 1.16E+04 ± 4.98E+03(-) 9.16E+07 ± 2.72E+03(∞) 9.40E+07 ± 2.72E+03(∞) 9.40E+07 ± 2.72E+03(∞) 9.95E+06 ± 5.56E+05(+) 9.95E+06 ± 1.86E+05(+) 9.95E+06 ± 1.86E+05(+) 9.95E+06 ± 1.86E+05(+) 9.95E+06 ± 1.86E+05(+) 1.86E+06 ± 1.86E+05(+	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.0E±107(∞) 9.40E+07 ± 2.28E+05(∞) 1.81E+08 ± 5.18E+07(+) 1.00E+03 ± 7.14E+01(+) 1.10E+09 ± 7.33E+08(+) 1.10E+09 ± 7.33E+08(+) 1.10E+09 ± 1.06E±07(+) 1.07E+08 ± 2.31E+01(-) 1.07E+08 ± 2.31E+01(-) 1.08E+08 ± 1.08E±08(±) 1.08E+08 ± 1.08E±08(±) 1.08E+08 ± 1.08E±08(±) 1.08E±08 ± 1.108E±08(±) 1.08E±08 ± 1.108E±08(±) 1.08E±08 ± 1.108E±08(±) 1.08E±08 ± 1.108E±08(±) 1.24E±07(±) ± 1.24E±07(±) 1	$\begin{array}{c} 7.078\pm13\pm1.128\pm13(\pm)\\ 7.078\pm13\pm1.128\pm103(\pm)\\ 9.36\pm07\pm1.128\pm05(\pm)\\ 9.36\pm07\pm1.778\pm05(\pm)\\ 9.46\pm07\pm1.778\pm05(\pm)\\ 9.46\pm07\pm1.778\pm05(\pm)\\ 1.012\pm03\pm8.886\pm000(\pm)\\ 1.012\pm03\pm8.886\pm000(\pm)\\ 1.012\pm03\pm8.886\pm000(\pm)\\ 1.012\pm03\pm8.886\pm000(\pm)\\ 1.012\pm03\pm8.886\pm000(\pm)\\ 1.012\pm03\pm8.886\pm000(\pm)\\ 1.012\pm03\pm8.886\pm000(\pm)\\ 1.012\pm03\pm8.886\pm000(\pm)\\ 1.012\pm03\pm8.886\pm00(\pm)\\ 1.012\pm03\pm8$	$\begin{array}{c} 1.32E+13\pm3.70E+12(28)\\ 3.46E+07\pm5.01E+06(8)\\ 9.41E+07\pm2.23E+05(9)\\ 9.41E+07\pm2.23E+05(9)\\ 9.41E+07\pm2.23E+05(9)\\ 9.41E+07\pm2.23E+05(9)\\ 8.83E+02\pm2.23E+06(18)\\ 8.83E+06\pm1.19E+06(88)\\ 8.33E+06\pm1.19E+06(88)\\ 5.62E+06\pm1.13E+06(88)\\ 12\\ 12\\ 6.80E, \beta=0.6\\ 1.13E+06\\ 1.$	$\begin{array}{c} 2.002e+13\pm5.75E+12(+)\\ -2.002e+13\pm5.75E+04(5)\\ -9.41E+07\pm2.03E+05(+)\\ -9.41E+07\pm2.03E+05(+)\\ -9.16E+07\pm2.03E+05(+)\\ -9.16E+02\pm2.03E+01(+)\\ -5.36E+06\pm2.23E+05(+)\\ -3.46E+06\pm2.23E+05(+)\\ -3.46E+06\pm2.23E+05(+)\\ -3.46E+06\pm2.23E+05(+)\\ -3.46E+06\pm2.23E+05(+)\\ -3.46E+06\pm2.23E+05(+)\\ -3.46E+06\pm2.23E+05(+)\\ -3.46E+06\pm2.23E+05(+)\\ -3.46E+06\pm2.23E+05(+)\\ -3.46E+06\pm3.23E+05(+)\\ -3.46E+06\pm3.23E+06(+)\\ -3.46E+06(+)\\ -3.46E+06$
$F_{0}$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $+$ $=$ $FUN$ $F_{1}$ $F_{2}$ $F_{3}$ $F_{4}$ $F_{5}$ $F_{6}$ $F_{7}$ $F_{8}$ $F_{9}$ $F_{11}$ $F_{12}$ $F_{113}$ $F_{14}$	1.37E+13 ± 3.37E+12(∞) 3.37E+07 ± 8.37E+06(∞) 9.40E+07 ± 2.33E+405(∞) 9.40E+07 ± 2.33E+405(∞) 9.40E+040 ± 2.33E+405(∞) 9.40E+040 ± 2.33E+405(∞) 9.01E+02 ± 2.79E+01(∞) 3.20E+406 ± 1.75E+406(∞) 7.82E+06 ± 1.25E+406(∞) 7.82E+06 ± 1.25E+406(∞) 7.82E+06 ± 1.25E+406(∞) 7.82E+06 ± 1.25E+406(∞) 6.40E+06 ± 0.40E+406(∞) 5.10E+06 ± 0.40E+406(∞) 5.10E+06 ± 0.40E+406(∞) 5.10E+06 ± 1.23E+406(∞) 1.23E+406(∞) 4.24E+06(∞) 4.24E+06(∞) 4.24E+06(∞) 3.50E+13 ± 1.23E+406(∞) 4.24E+06(∞) 4.24E+06(∞) 3.50E+13 ± 2.89E+405(∞) 3.50E+13 ± 1.88E+406(∞) 3.50	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.52E+405(∞) 1.44E+07 ± 1.52E+405(∞) 1.44E+07 ± 5.66E+06(+) 9.10E+02 ± 1.32E+01(+) 7.28E+06 ± 5.66E+06(+) 9.33E+406 ± 1.12E+406(∞) 1.23E+08 ± 1.20E+406(∞) 1.23E+08 ± 1.50E+07(+) 2 6 6.00E+06 ± 0.00E+00(∞) 1.74E+03 ± 2.41E+03(−) 2.16E+01 ± 5.61E+03(∞) 1.74E+03 ± 2.41E+03(−) 2.16E+01 ± 5.61E+03(∞) 1.74E+03 ± 2.41E+03(−) 2.16E+01 ± 5.61E+03(∞) 1.74E+03 ± 2.74E+03(∞) 1.74E+03 ± 2	3.43±1.3 ± 6.79±1.2(+) 6.23±0.7) ± 1.24±0.6(×) 9.41±0.7 ± 2.24±0.5(≈) 4.41±0.7 ± 2.24±0.5(≈) 4.41±0.7 ± 2.98±0.7(+) 9.54±0.2 ± 1.66±0.0(+) 5.50±0.7 ± 2.98±0.7(+) 1.31±0.7 ± 2.05±0.6(+) 1.20±0.8 ± 1.22±0.7(+) 3 4 α=0.5, β=0.7 Mean±Stal 0.00±0.00 ± 0.00±0.0(∞) 8.81±0.3 ± 1.77±0.3(*) 2.16±0.1 ± 2.31±0.3(*) 2.16±0.1 ± 3.21±0.3(*) 2.16±0.1 ± 3.21±0.3(*) 2.16±0.1 ± 3.21±0.3(*) 2.16±0.1 ± 3.21±0.3(*) 3.20±0.5 ± 1.71±0.6(+) 1.106±0.6 ± 1.12±0.8(∞) 3.20±0.5 ± 1.51±0.5(+) 4.60±0.6 ± 6.84±1.2(+) 7.20±0.7 ± 3.20±0.6(*) 1.13±0.8 ± 0.31±0.6(*) 1.13±0.8 ± 0.31±0.6(*) 4.17±0.8 ± 2.83±0.8(*) 4.34±0.9 ± 1.06±0.6(*) 4.17±0.8 ± 2.83±0.8(*) 4.34±0.9 ± 1.06±0.6(*) 4.17±0.8 ± 2.84±0.8(*) 4.34±0.9 ± 1.26±0.8(*) 4.34±0.9 ± 1.26±0.8(*) 4.34±0.9 ± 1.26±0.8(*) 4.34±0.9 ± 1.26±0.8(*) 4.34±0.9 ± 1.26±0.8(*) 4.34±0.9 ± 1.26±0.8(*)	4.45E+13 $\pm$ 7.16E+12( $\pm$ ) 6.32E+07 $\pm$ 1.28E+08( $\pm$ ) 9.40E+07 $\pm$ 2.50E+05( $\approx$ ) 9.30E+07 $\pm$ 2.50E+05( $\approx$ ) 9.30E+007 $\pm$ 2.50E+005( $\approx$ ) 8.38E+07 $\pm$ 2.50E+005( $\pm$ ) 9.79E+02 $\pm$ 1.15E+000( $\pm$ ) 2.50E+08 $\pm$ 9.98E+007( $\pm$ ) 1.37E+07 $\pm$ 2.95E+006( $\pm$ ) 1.37E+07 $\pm$ 2.95E+006( $\pm$ ) 1.37E+07 $\pm$ 2.95E+006( $\pm$ ) 2.2 4.4 $-$ 0.00E+00 $\pm$ 9.91E+006( $\pm$ ) 9.00E+00 $\pm$ 0.00E+00	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+03(∞) 9.40E+07 ± 2.06E+03(∞) 1.31E+08 ± 5.29E+07(+) 9.96E+02 ± 8.27E+00(+) 5.12E+08 ± 1.94E+08(+) 4.87E+07 ± 2.87E+07(+) 1.0  5.5 α=0.2, β=0.6 Mean±Std 0.00E+00 ± 0.00E+00(∞) 5.40E+02 ± 3.57E+03(∞) 4.02E+03 ± 0.00E+00(∞) 5.40E+03 ± 0.00E+00(∞) 5.40E+03 ± 5.27E+03(∞) 1.16E+04 ± 4.98E+03(−) 1.16E+04 ± 4.98E+03(−) 3.11E+03 ± 4.98E+03(−) 3.11E+03 ± 4.98E+03(−) 3.11E+03 ± 4.98E+03(−) 3.11E+03 ± 5.28E+12(+) 3.11E+03 ± 5.28E+12(+) 3.11E+03 ± 5.28E+12(+) 3.11E+03 ± 5.28E+12(+) 5.40E+05 ± 2.27E±03(∞) 9.90E+06 ± 5.56E+06(+) 9.90E+06 ± 5.56E+06(+) 9.90E+06 ± 2.23E+01(+) 5.40E+06 ± 1.86E+06(+) 5.40E+06 ± 1.86E+06(+) 5.40E+06 ± 1.86E+06(+)	6.072±13 ± 1.03±1.3(+) 4.14±07 ± 2.02±07(∞) 9.40±07 ± 2.28±05(∞) 1.81±08 ± 5.18±07(+) 1.00±03 ± 7.34±00(+) 1.181±08 ± 5.18±07(+) 1.00±03 ± 7.34±00(+) 1.11±09 ± 7.33±008(+) 1.00±07(+) 1.07±08 ± 1.00±07(+) 1.07±08 ± 1.00±07(+) 1.00±00 ± 0.00±00(∞) 5.886±02 ± 2.31±01(−) 2.16±01 ± 4.90€±00(∞) 5.886±02 ± 2.31±01(−) 2.16±01 ± 4.90€±00(∞) 5.186±02 ± 2.31±01(−) 1.106±04 ± 1.33±03(∞) 5.19±03 ± 2.50±00(−) 2.90±13 ± 7.25±07(−) 4.64±07 ± 2.51±05(∞) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+)	7.07±13 ± 1.12±13(+) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.77±040(∞) 9.36±07 ± 1.78±040(∞) 1.01±03 ± 8.80±00(∞) 1.01±03 ± 8.80±00(∞) 1.08±08 ± 9.00±06(∞) 1.08±08 ± 9.00±06(∞) 1.08±08 ± 9.00±06(∞) 0.00±00 ± 0.00±06(∞) 0.0	$\begin{array}{c} 1.32E+13\pm3.70E+12(\approx)\\ 3.36E+07\pm5.01E+06(\approx)\\ 9.41E+07\pm2.23E+05(+)\\ 4.01E+06\pm1.49E+06(\pm).149E+06(\pm)\\ 8.88E+02\pm2.93E+01(\approx)\\ 3.08E+06\pm1.139E+06(\approx)\\ 3.33E+06\pm1.139E+06(\approx)\\ 3.33E+06\pm1.134E+06(+)\\ 2\\ 1\\ 2\\ \alpha=0.5, \beta=0.6\\ \text{Mean}\pm5xd\\ 0.00E+06\pm0.00E+06(\approx)\\ 0.29E+03\pm3.83E+03E+00E+06(\approx)\\ 0.29E+03\pm3.83E+03E+00E+06(\approx)\\ 0.29E+03\pm3.83E+03E+00E+06(\approx)\\ 0.29E+03\pm3.83E+03E+00E+06(\approx)\\ 0.29E+03\pm3.83E+03E+00E+06(\approx)\\ 1.08E+040\pm3.83E+03E+00E+06(\approx)\\ 1.08E+040\pm3.83E+03E+00E+06(\approx)\\ 4.83E+07\pm9.83E+07(\approx)\\ 9.38E+07\pm1.73E+03E+06(\approx)\\ 8.36E+07\pm3.00E+06(\approx)\\ 2.83E+07\pm3.00E+06(\approx)\\ 3.00E+06\pm1.173E+03E+06(\approx)\\ 4.83E+07\pm9.83E+07(\approx)\\ 9.38E+07\pm1.73E+03E+06(\approx)\\ 8.36E+07\pm3.00E+06(\approx)\\ 2.18E+01\pm1.73E+03E+06(\approx)\\ 4.83E+07\pm9.83E+07(\approx)\\ 4.83E+07\pm1.73E+03E+06(\approx)\\ 4.83E+07\pm1.83E+06(\approx)\\ 4.83E+06(\approx)\\ 4.83E+0$	2.00E+13 ± 5.75E+12(+) 7.87E+07 ± 1.52E+08(+) 9.41E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+01(+) 6.36E+06 ± 2.73E+05(-) 8.90E+06 ± 7.40E+05(∞) 1.20E+08 ± 2.19E+07(+) 3 4 α=0.1. β=0.5 Mean±Std 0.00E+00 ± 0.00E+00(∞) 8.06E+02 ± 6.12E+01(+) 2.56E+01 ± 5.3E+0.0(∞) 1.06E+06 ± 5.3E+0.0(∞) 1.06E+06 ± 5.3E+0.0(∞) 1.27E+13 ± 2.3E+0.0(∞) 5.34E+05 ± 2.3E+1.0(∞) 5.30E+01 ± 8.09E+07(∞) 5.30E+01 ± 8.09E+07(∞) 5.30E+01 ± 3.3E+0.0(∞) 3.30E+01 ± 1.3E+0.0(∞)
$F_9$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $+$ $+$ $F_{10}$ $F_{14}$ $F_{15}$ $F_{14}$ $F_{15}$ $F_{14}$ $F_{15}$ $F_{14}$ $F_{15}$ $F_{15}$ $F_{15}$ $F_{15}$ $F_{15}$ $F_{15}$ $F_{15}$ $F_{10}$ $F_{11}$	1.37E+13 ± 3.37E+12(∞) 3.73E+407 ± 8.37E+40(±0) 9.40E+407 ± 2.33E+40(±0) 9.40E+407 ± 2.33E+40(±0) 9.40E+407 ± 2.33E+40(±0) 9.40E+407 ± 2.75E+40(±0) 3.20E+406 ± 1.75E+40(±0) 7.82E+406 ± 2.75E+40(±0) 7.82E+406 ± 3.73E+40(±0) 7.83E+406 ± 2.33E+40(±0) 7.83E+406 ± 2.33E+40(±0) 7.83E+406 ± 2.33E+40(±0) 7.33E+406 ± 2.33E+406 ± 2.33E+4	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+05(∞) 9.41E+07 ± 1.55E+05(∞) 9.10E+02 ± 1.32E+01(+) 7.28E+06 ± 1.32E+01(+) 7.28E+06 ± 1.12E+01(∞) 1.23E+06 ± 1.12E+01(∞) 1.23E+08 ± 1.12E+01(∞) 1.23E+08 ± 1.12E+01(∞) 1.23E+08 ± 1.12E+01(∞) 1.23E+08 ± 2.41E+03(-) 0.00E+00 ± 0.00E+001(∞) 1.74E+03 ± 2.41E+03(-) 1.74E+03 ± 2.41E+03(-) 1.74E+03 ± 3.91E+03(+) 1.71E+09 ± 2.81E+03(+) 1.71E+03 ± 2.81E+03(	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.05(-) 9.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 5.50±6.07 ± 2.08±4.07(+) 1.31±4.07 ± 2.08±4.06(+) 1.31±4.07 ± 2.08±4.06(+) 1.31±4.07 ± 2.08±4.06(+) 1.31±4.07 ± 2.08±4.06(+) 1.31±4.07 ± 2.08±4.06(+) 1.30±4.08 ± 1.22±4.07(+) 1.30±4.08 ± 1.22±4.07(±) 1.30±4.09 ± 0.00€4.00(∞) 8.81±4.03 ± 1.77±4.03(±) 2.16±4.01 ± 3.21±4.03(∞) 2.16±4.01 ± 3.21±4.03(∞) 2.16±4.01 ± 3.21±4.03(∞) 3.20±4.05 ± 1.12±4.03(∞) 3.20±4.05 ± 1.12±4.03(∞) 3.20±4.05 ± 1.12±4.03(∞) 3.20±4.05 ± 1.31±4.05(±) 4.63±4.12 ± 3.91±4.07(±) 9.88±4.02 ± 1.06±4.00(±) 4.17±4.03 ± 3.91±4.07(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±)	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05(∞) 9.40E+07 ± 2.50E+05(∞) 9.30E+07 ± 2.50E+05(∞) 9.70E+02 ± 1.15E+00(+) 9.70E+02 ± 1.15E+00(+) 1.37E+07 ± 2.95E+06(+) 1.13E+08 ± 9.91E+06(+) 1.13E+08 ± 9.91E+06(∞) 9.63E+03 ± 1.62E+07(±) 1.21E+09 ± 1.162E+07(±) 1.21E+09 ± 1.162E+07(±) 1.32E+08 ± 9.11E+02(∞) 8.88E+05 ± 2.97E+015(+) 5.31E+13 ± 8.93E+17(±) 9.90E+02 ± 8.25E+01(+) 9.90E+02 ± 8.25E+01(+) 9.90E+02 ± 8.38E+07(+) 9.91E+07 ± 4.67E+07(+) 1.24E+08 ± 3.38E+07(+) 9.91E+07 ± 4.67E+07(+) 1.24E+08 ± 3.38E+07(+) 9.91E+07 ± 4.67E+07(+) 1.24E+08 ± 3.38E+07(+) 9.11E+07 ± 1.38E+08(-) 9.91E+07 ± 4.67E+07(+) 1.12E+08 ± 3.38E+07(+) 9.11E+07 ± 1.31E+08(-) 9.91E+07 ± 4.67E+07(+) 1.12E+08 ± 3.38E+07(+) 9.11E+07 ± 1.12E+08 ± 9.31E+010(+) 9.11E+07 ± 1.31E+005(±) 9.91E+07 ± 4.67E+07(+) 1.12E+08 ± 9.33E+06(±) 9.11E+07 ± 9.31E+010(±) 9.91E+07 ± 9.33E+010(±) 9.91E+07 ± 9.33E+010(±) 9.91E+07 ± 9.33E+010(±) 9.91E+07 ± 9.91E+010(±) 9.91	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 9.51E+08 ± 5.29E+07(+) 9.51E+08 ± 5.29E+07(+) 4.87E+07 ± 2.87E+07(+) 1.13E+08 ± 8.33E+06(+) 1.13E+08 ± 8.33E+06(+) 0.60E+00 ± 0.06E+00(∞) 5.40E+02 ± 3.06E+01(-) 2.16E+01 ± 5.27E+03(∞) 4.02E+08 ± 5.36E+01(-) 2.16E+01 ± 5.27E+03(∞) 4.02E+08 ± 6.36E+07(+) 3.48E+06 ± 3.27E+06(+) 1.16E+04 ± 4.98E+03(-) 9.16E+07 ± 2.72E+03(∞) 9.40E+07 ± 2.72E+03(∞) 9.40E+07 ± 2.72E+03(∞) 9.95E+06 ± 5.56E+05(+) 9.95E+06 ± 1.86E+05(+) 9.95E+06 ± 1.86E+05(+) 9.95E+06 ± 1.86E+05(+) 9.95E+06 ± 1.86E+05(+) 1.86E+06 ± 1.86E+05(+	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.0E±107(∞) 9.40E+07 ± 2.28E+05(∞) 1.81E+08 ± 5.18E+07(+) 1.00E+03 ± 7.14E+01(+) 1.10E+09 ± 7.33E+08(+) 1.10E+09 ± 7.33E+08(+) 1.10E+09 ± 1.06E±07(+) 1.07E+08 ± 2.31E+01(-) 1.07E+08 ± 2.31E+01(-) 1.08E+08 ± 1.08E±08(±) 1.08E+08 ± 1.08E±08(±) 1.08E+08 ± 1.08E±08(±) 1.08E±08 ± 1.108E±08(±) 1.08E±08 ± 1.108E±08(±) 1.08E±08 ± 1.108E±08(±) 1.08E±08 ± 1.108E±08(±) 1.24E±07(±) ± 1.24E±07(±) 1	$\begin{array}{c} 7.078\pm13\pm1.128\pm13(\pm)\\ 7.078\pm13\pm1.128\pm103(\pm)\\ 9.36\pm07\pm1.128\pm05(\pm)\\ 9.36\pm07\pm1.778\pm05(\pm)\\ 9.46\pm07\pm1.778\pm05(\pm)\\ 9.46\pm07\pm1.778\pm05(\pm)\\ 1.012\pm03\pm8.886\pm000(\pm)\\ 1.012\pm03\pm8.886\pm000(\pm)\\ 1.012\pm03\pm8.886\pm000(\pm)\\ 1.012\pm03\pm8.886\pm000(\pm)\\ 1.012\pm03\pm8.886\pm000(\pm)\\ 1.012\pm03\pm8.886\pm000(\pm)\\ 1.012\pm03\pm8.886\pm000(\pm)\\ 1.012\pm03\pm8.886\pm000(\pm)\\ 1.012\pm03\pm8.886\pm00(\pm)\\ 1.012\pm03\pm8$	$\begin{array}{c} 1.32E+13\pm3.70E+12(28)\\ 3.46E+07\pm5.01E+06(8)\\ 9.41E+07\pm2.23E+05(9)\\ 9.41E+07\pm2.23E+05(9)\\ 9.41E+07\pm2.23E+05(9)\\ 9.41E+07\pm2.23E+05(9)\\ 8.83E+02\pm2.23E+06(18)\\ 8.83E+06\pm1.19E+06(88)\\ 8.33E+06\pm1.19E+06(88)\\ 5.62E+06\pm1.13E+06(88)\\ 12\\ 12\\ 6.80E, \beta=0.6\\ 1.13E+06\\ 1.$	2.00£+13 ± 5.75£+12(+) 7.87£+07 ± 1.52£+08(+) 9.41£+07 ± 2.03£+05(+) 1.19£+07 ± 2.03£+05(+) 1.19£+07 ± 2.03£+05(+) 9.16£+02 ± 2.20£±01(+) 6.36£+06 ± 2.20£±01(+) 6.36£+06 ± 2.20£±01(+) 8.90£+06 ± 7.40£±05(≈) 1.20£+08 ± 2.19£±07(+) 8 3.4 α=0.1, β=0.5 Mean±Std 0.00£+00 ± 0.00£+00(≈) 8.00£+00 ± 0.00£+00(≈) 8.00£+00 ± 0.12£±01(+) 2.16£+01 ± 5.51£+03(≈) 2.59£±08 ± 5.17£±07(≈) 1.18£+06 ± 1.93£±06(≈) 1.18£±06 ± 1.93£±06(≈) 1.18£±06 ± 1.93£±06(≈) 1.36£±04 ± 3.25£±05(+) 9.31£±07 ± 2.03£±05(≈) 9.31£±07 ± 3.36£±01(≈) 9.31£±07 ± 3.36£±01(≈) 9.376±04 ± 3.36£±01(≈) 9.376±04 ± 3.36£±01(≈) 9.376±04 ± 3.36£±01(≈) 9.376±04 ± 3.36£±01(≈) 9.376±04 ± 3.36£±01(≈) 9.376±04 ± 3.36£±01(≈)
$F_{0}$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $+$ $=$ $FUN$ $F_{1}$ $F_{2}$ $F_{3}$ $F_{4}$ $F_{5}$ $F_{6}$ $F_{7}$ $F_{8}$ $F_{9}$ $F_{11}$ $F_{12}$ $F_{113}$ $F_{14}$	1.37E+13 ± 3.37E+12(∞) 3.37E+07 ± 8.37E+06(∞) 9.40E+07 ± 2.33E+405(∞) 9.40E+07 ± 2.33E+405(∞) 9.40E+040 ± 2.33E+405(∞) 9.40E+040 ± 2.33E+405(∞) 9.01E+02 ± 2.79E+01(∞) 3.20E+406 ± 1.75E+406(∞) 7.82E+06 ± 1.25E+406(∞) 7.82E+06 ± 1.25E+406(∞) 7.82E+06 ± 1.25E+406(∞) 7.82E+06 ± 1.25E+406(∞) 6.40E+06 ± 0.40E+406(∞) 5.10E+06 ± 0.40E+406(∞) 5.10E+06 ± 0.40E+406(∞) 5.10E+06 ± 1.23E+406(∞) 1.23E+406(∞) 4.24E+06(∞) 4.24E+06(∞) 4.24E+06(∞) 3.50E+13 ± 1.23E+406(∞) 4.24E+06(∞) 4.24E+06(∞) 3.50E+13 ± 2.89E+405(∞) 3.50E+13 ± 1.88E+406(∞) 3.50	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.52E+405(∞) 1.44E+07 ± 1.52E+405(∞) 1.44E+07 ± 5.66E+06(+) 9.10E+02 ± 1.32E+01(+) 7.28E+06 ± 5.66E+06(+) 9.33E+406 ± 1.12E+406(∞) 1.23E+08 ± 1.20E+406(∞) 1.23E+08 ± 1.50E+07(+) 2 6 6.00E+06 ± 0.00E+00(∞) 1.74E+03 ± 2.41E+03(−) 2.16E+01 ± 5.61E+03(∞) 1.74E+03 ± 2.41E+03(−) 2.16E+01 ± 5.61E+03(∞) 1.74E+03 ± 2.41E+03(−) 2.16E+01 ± 5.61E+03(∞) 1.74E+03 ± 2.74E+03(∞) 1.74E+03 ± 2	3.43E+13 ± 6.79E+12(+) 6.23E+07 ± 1.24E+08(-) 9.41E+07 ± 1.24E+08(-) 9.41E+07 ± 1.24E+08(-) 9.41E+07 ± 1.24E+08(-) 9.41E+07 ± 1.24E+08(-) 9.51E+02 ± 1.66E+00(+) 5.50E+07 ± 2.98E+07(+) 1.31E+07 ± 2.05E+08(-) 1.20E+08 ± 1.22E+07(+) 3 4 4 5 4 4 5 4 6 6 6 6 6 6 6 6 6 6 6 6 6	4.45E+13 $\pm$ 7.16E+12( $\pm$ ) 6.32E+07 $\pm$ 1.28E+08( $\pm$ ) 9.40E+07 $\pm$ 2.50E+05( $\approx$ ) 9.30E+07 $\pm$ 2.50E+05( $\approx$ ) 9.30E+007 $\pm$ 2.50E+005( $\approx$ ) 8.38E+07 $\pm$ 2.50E+005( $\pm$ ) 9.79E+02 $\pm$ 1.15E+000( $\pm$ ) 2.50E+08 $\pm$ 9.98E+007( $\pm$ ) 1.37E+07 $\pm$ 2.95E+006( $\pm$ ) 1.37E+07 $\pm$ 2.95E+006( $\pm$ ) 1.37E+07 $\pm$ 2.95E+006( $\pm$ ) 2.2 4.4 $-$ 0.00E+00 $\pm$ 9.91E+006( $\pm$ ) 9.00E+00 $\pm$ 0.00E+00	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+03(∞) 9.40E+07 ± 2.06E+03(∞) 1.31E+08 ± 5.29E+07(+) 9.96E+02 ± 8.27E+00(+) 5.12E+08 ± 1.94E+08(+) 4.87E+07 ± 2.87E+07(+) 1.0  5.5 α=0.2, β=0.6 Mean±Std 0.00E+00 ± 0.00E+00(∞) 5.40E+02 ± 3.57E+03(∞) 4.02E+03 ± 0.00E+00(∞) 5.40E+03 ± 0.00E+00(∞) 5.40E+03 ± 5.27E+03(∞) 1.16E+04 ± 4.98E+03(−) 1.16E+04 ± 4.98E+03(−) 3.11E+03 ± 4.98E+03(−) 3.11E+03 ± 4.98E+03(−) 3.11E+03 ± 4.98E+03(−) 3.11E+03 ± 5.28E+12(+) 5.99E+06 ± 5.56E+06(+) 9.99E+06 ± 5.56E+06(+) 9.99E+06 ± 5.23E+06(+) 5.04E+06 ± 1.86E+06(+) 5.87E+06 ± 8.22E+06(+)	6.072±13 ± 1.03±1.3(+) 4.14±07 ± 2.02±07(∞) 9.40±07 ± 2.28±05(∞) 1.81±08 ± 5.18±07(+) 1.00±03 ± 7.34±00(+) 1.181±08 ± 5.18±07(+) 1.00±03 ± 7.34±00(+) 1.11±09 ± 7.33±008(+) 1.00±07(+) 1.07±08 ± 1.00±07(+) 1.07±08 ± 1.00±07(+) 1.00±00 ± 0.00±00(∞) 5.886±02 ± 2.31±01(−) 2.16±01 ± 4.90€±00(∞) 5.886±02 ± 2.31±01(−) 2.16±01 ± 4.90€±00(∞) 5.186±02 ± 2.31±01(−) 1.106±04 ± 1.33±03(∞) 5.19±03 ± 2.50±00(−) 2.90±13 ± 7.25±07(−) 4.64±07 ± 2.51±05(∞) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+)	7.07±13 ± 1.12±13(+) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.77±040(∞) 9.36±07 ± 1.78±040(∞) 1.01±03 ± 8.80±00(∞) 1.01±03 ± 8.80±00(∞) 1.08±08 ± 9.00±06(∞) 1.08±08 ± 9.00±06(∞) 1.08±08 ± 9.00±06(∞) 0.00±00 ± 0.00±06(∞) 0.0	$\begin{array}{c} 1.32E+13\pm3.70E+12(\approx)\\ 3.36E+07\pm5.01E+06(\approx)\\ 9.41E+07\pm2.23E+05(+)\\ 4.01E+06\pm1.49E+06(\pm)\\ 8.88E+02\pm2.93E+01(\approx)\\ 8.88E+02\pm2.93E+01(\approx)\\ 8.83E+06\pm1.19E+06(\approx)\\ 5.62E+06\pm1.13E+06(\approx)\\ 1.22\\ \alpha=0.5, \beta=0.6\\ \text{Mean}\pm5xd\\ 0.00E+06\pm0.00E+06(\approx)\\ 0.29E+03\pm3.83E+03E+00E+06(\approx)\\ 0.29E+03\pm3.83E+06(\approx)\\ 1.26E+01\pm3.83E+06(\approx)\\ 0.00E+06\pm0.83E+06(\approx)\\ 0.10E+06\pm0.83E+06(\approx)\\ 0.10E+06\pm0.83E+06(\approx)\\ 0.10E+03\pm3.83E+06(\approx)\\ 0.10E+03\pm3.83E+06(\approx)\\ 0.10E+04\pm3.83E+06(\approx)\\ 0.10E+04\pm3.83E+06($	2.00E+13 ± 5.75E+12(+) 7.87E+07 ± 1.52E+08(+) 9.41E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+01(+) 9.16E+02 ± 2.20E+01(+) 6.36E+06 ± 2.57E+05(+) 8.90E+06 ± 7.40E+05(≈) 1.20E+08 ± 2.19E+07(+) 8 3 4 α=0.1. β=0.5 Mean±Stid 0.00E+00 ± 0.00E+00(≈) 8.06E+02 ± 6.12E+01(+) 2.56E+03 ± 5.81E-05(≈) 1.26E+03 ± 5.81E-05(≈) 1.26E+03 ± 5.81E-05(≈) 5.43E+03 ± 2.38E+105(≈) 5.43E+03 ± 2.38E+105(≈) 5.39E+04 ± 1.38E+05(≈) 3.93E+06 ± 1.38E+05(≈) 3.93E+06 ± 1.38E+05(≈) 3.93E+06 ± 1.38E+05(≈) 3.30E+06 ± 3.36E+01(≈) 3.30E+06 ± 1.38E+06(≈)
$F_9$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $+$ $F_{15}$ $F_{14}$ $F_{15}$ $F_{16}$ $F_{17}$ $F_{19}$ $F_{19}$ $F_{10}$ $F_{11}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $F_{15}$	1.37E+13 ± 3.37E+12(∞) 3.37E+07 ± 8.37E+06(∞) 9.40E+07 ± 2.33E+405(∞) 9.40E+07 ± 2.33E+405(∞) 9.40E+040 ± 2.33E+405(∞) 9.40E+040 ± 2.33E+405(∞) 9.01E+02 ± 2.79E+01(∞) 3.20E+406 ± 1.75E+406(∞) 7.82E+06 ± 1.25E+406(∞) 7.82E+06 ± 1.25E+406(∞) 7.82E+06 ± 1.25E+406(∞) 7.82E+06 ± 1.25E+406(∞) 9.00E+406 ± 0.40E+406(∞) 9.10E+06 ± 1.23E+606(∞) 1.23E+606(∞) 9.10E+07 ± 1.23E+606(∞) 9.10E+07 ± 1.23E+606(∞) 9.10E+07 ± 2.33E+67(∞) 9.25E+07 ± 2.33E+67(∞)	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.52E+405(∞) 1.44E+07 ± 1.52E+405(∞) 1.44E+07 ± 5.66E+06(+) 9.10E+02 ± 1.32E+01(+) 7.28E+06 ± 5.66E+06(+) 9.33E+406 ± 1.12E+406(∞) 1.23E+08 ± 1.20E+406(∞) 1.23E+08 ± 1.50E+07(+) 2 6 6.00E+06 ± 0.00E+00(∞) 1.74E+03 ± 2.41E+03(−) 2.16E+01 ± 5.61E+03(∞) 1.74E+03 ± 2.41E+03(−) 2.16E+01 ± 5.61E+03(∞) 1.74E+03 ± 2.41E+03(−) 2.16E+01 ± 5.61E+03(∞) 1.74E+03 ± 2.74E+03(∞) 1.74E+03 ± 2	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.05(-) 9.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 5.50±6.07 ± 2.08±4.07(+) 1.31±4.07 ± 2.08±4.06(+) 1.31±4.07 ± 2.08±4.06(+) 1.31±4.07 ± 2.08±4.06(+) 1.31±4.07 ± 2.08±4.06(+) 1.31±4.07 ± 2.08±4.06(+) 1.30±4.08 ± 1.22±4.07(+) 1.30±4.08 ± 1.22±4.07(±) 1.30±4.09 ± 0.00€4.00(∞) 8.81±4.03 ± 1.77±4.03(±) 2.16±4.01 ± 3.21±4.03(∞) 2.16±4.01 ± 3.21±4.03(∞) 2.16±4.01 ± 3.21±4.03(∞) 3.20±4.05 ± 1.12±4.03(∞) 3.20±4.05 ± 1.12±4.03(∞) 3.20±4.05 ± 1.12±4.03(∞) 3.20±4.05 ± 1.31±4.05(±) 4.63±4.12 ± 3.91±4.07(±) 9.88±4.02 ± 1.06±4.00(±) 4.17±4.03 ± 3.91±4.07(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±) 3.44±4.07 ± 1.26±4.00(±)	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05(∞) 9.40E+07 ± 2.50E+05(∞) 9.30E+07 ± 2.50E+05(∞) 9.70E+02 ± 1.15E+00(+) 9.70E+02 ± 1.15E+00(+) 1.37E+07 ± 2.95E+06(+) 1.13E+08 ± 9.91E+06(+) 1.13E+08 ± 9.91E+06(∞) 9.63E+03 ± 1.62E+07(±) 1.21E+09 ± 1.162E+07(±) 1.21E+09 ± 1.162E+07(±) 1.32E+08 ± 1.162E+07(±) 1.32E+08 ± 9.11E+02(∞) 8.88E+05 ± 2.97E+07(±) 9.90E+02 ± 8.25E+07(±) 9.90E+02 ± 8.38E+07(±) 9.90E+02 ± 9.38E+07(±) 9.90E+02 ± 9.90E+02 ± 9.90E+02 ± 9.90E+02	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+03(∞) 9.40E+07 ± 2.06E+03(∞) 1.31E+08 ± 5.29E+07(+) 9.96E+02 ± 8.27E+00(+) 5.12E+08 ± 1.94E+08(+) 4.87E+07 ± 2.87E+07(+) 1.0  5.5 α=0.2, β=0.6 Mean±Std 0.00E+00 ± 0.00E+00(∞) 5.40E+02 ± 3.57E+03(∞) 4.02E+03 ± 0.00E+00(∞) 5.40E+03 ± 0.00E+00(∞) 5.40E+03 ± 5.27E+03(∞) 1.16E+04 ± 4.98E+03(−) 1.16E+04 ± 4.98E+03(−) 3.11E+03 ± 4.98E+03(−) 3.11E+03 ± 4.98E+03(−) 3.11E+03 ± 4.98E+03(−) 3.11E+03 ± 5.28E+12(+) 5.99E+06 ± 5.56E+06(+) 9.99E+06 ± 5.56E+06(+) 9.99E+06 ± 5.23E+06(+) 5.04E+06 ± 1.86E+06(+) 5.87E+06 ± 8.22E+06(+)	6.072±13 ± 1.03±1.3(+) 4.14±07 ± 2.02±07(∞) 9.40±07 ± 2.28±05(∞) 1.81±08 ± 5.18±07(+) 1.00±03 ± 7.34±00(+) 1.181±08 ± 5.18±07(+) 1.00±03 ± 7.34±00(+) 1.11±09 ± 7.33±008(+) 1.00±07(+) 1.07±08 ± 1.00±07(+) 1.07±08 ± 1.00±07(+) 1.00±00 ± 0.00±00(∞) 5.886±02 ± 2.31±01(−) 2.16±01 ± 4.90€±00(∞) 5.886±02 ± 2.31±01(−) 2.16±01 ± 4.90€±00(∞) 5.186±02 ± 2.31±01(−) 1.106±04 ± 1.33±03(∞) 5.19±03 ± 2.50±00(−) 2.90±13 ± 7.25±07(−) 4.64±07 ± 2.51±05(∞) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.12±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+) 2.64±07 ± 1.28±07(+)	7.07±13 ± 1.12±13(+) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.77±040(∞) 9.36±07 ± 1.78±040(∞) 1.01±03 ± 8.80±00(∞) 1.01±03 ± 8.80±00(∞) 1.08±08 ± 9.00±06(∞) 1.08±08 ± 9.00±06(∞) 1.08±08 ± 9.00±06(∞) 0.00±00 ± 0.00±06(∞) 0.0	$\begin{array}{c} 1.32E+13\pm3.70E+12(\approx)\\ 3.36E+07\pm5.01E+06(\approx)\\ 9.41E+07\pm2.23E+05(+)\\ 4.01E+06\pm1.49E+06(\pm)\\ 8.88E+02\pm2.93E+01(\approx)\\ 8.88E+02\pm2.93E+01(\approx)\\ 8.83E+06\pm1.19E+06(\approx)\\ 5.62E+06\pm1.13E+06(\approx)\\ 1.22\\ \alpha=0.5, \beta=0.6\\ \text{Mean}\pm5xd\\ 0.00E+06\pm0.00E+06(\approx)\\ 0.29E+03\pm3.83E+03E+00E+06(\approx)\\ 0.29E+03\pm3.83E+06(\approx)\\ 1.26E+01\pm3.83E+06(\approx)\\ 0.00E+06\pm0.83E+06(\approx)\\ 0.10E+06\pm0.83E+06(\approx)\\ 0.10E+06\pm0.83E+06(\approx)\\ 0.10E+03\pm3.83E+06(\approx)\\ 0.10E+03\pm3.83E+06(\approx)\\ 0.10E+04\pm3.83E+06(\approx)\\ 0.10E+04\pm3.83E+06($	2.00E+13 ± 5.75E+12(+) 7.87E+07 ± 1.52E+08(+) 9.41E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+01(+) 9.16E+02 ± 2.20E+01(+) 6.36E+06 ± 2.57E+05(+) 8.90E+06 ± 7.40E+05(≈) 1.20E+08 ± 2.19E+07(+) 8 3 4 α=0.1. β=0.5 Mean±Stid 0.00E+00 ± 0.00E+00(≈) 8.06E+02 ± 6.12E+01(+) 2.56E+03 ± 5.81E-05(≈) 1.26E+03 ± 5.81E-05(≈) 1.26E+03 ± 5.81E-05(≈) 5.43E+03 ± 2.38E+105(≈) 5.43E+03 ± 2.38E+105(≈) 5.39E+04 ± 1.38E+05(≈) 3.93E+06 ± 1.38E+05(≈) 3.93E+06 ± 1.38E+05(≈) 3.93E+06 ± 1.38E+05(≈) 3.30E+06 ± 3.36E+01(≈) 3.30E+06 ± 1.38E+06(≈)
$F_{9}$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $+$ $F_{15}$ $F_{11}$ $F_{12}$ $F_{113}$ $F_{14}$ $F_{14}$ $F_{15}$	1.37E+13 ± 3.37E+12(∞) 3.37E+07 ± 8.37E+06(∞) 9.40E+07 ± 2.33E+405(∞) 9.40E+07 ± 2.33E+405(∞) 9.40E+040 ± 2.43E+405(∞) 9.40E+407 ± 2.43E+405(∞) 9.0E+402 ± 2.79E+401(∞) 3.20E+406 ± 1.175E+406(∞) 7.82E+06 ± 1.10E+407(+)  2  10  α=0.3, β=0.7  Mean±Stal 0.00E+000 ± 0.00E+000(∞) 5.10E+02 ± 2.78E+01(-) 2.16E+401 ± 4.74E+03(∞) 4.74E+0.0E+0.0E+0.0E+0.0E+0.0E+0.0E+0.0E+0.	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+405(∞) 9.41E+07 ± 1.55E+405(∞) 1.44E+07 ± 5.66E+06(+) 9.10E+02 ± 1.32E+01(+) 7.28E+06 ± 5.66E+06(+) 9.30E+06 ± 1.12E+406(∞) 1.23E+08 ± 1.25E+07(+) 2 6 6.00±0.4, β=0.7 Mean±5xd 0.00E+06 ± 0.00E+00(∞) 1.74E+03 ± 2.41E+03(−) 2.16E+01 ± 5.61E+03(∞) 1.74E+03 ± 2.41E+03(−) 2.16E+01 ± 5.61E+03(∞) 1.74E+03 ± 3.07E+06(+) 4.74E+06 ± 3.07E+06(+) 4.74E+06 ± 3.07E+06(+) 4.74E+06 ± 3.07E+06(+) 4.23E+13 ± 3.07E+06(+) 4.23E+13 ± 2.88E+07(∞) 6.66E+07 ± 2.25E+07(+) 9.74E+02 ± 2.38E+07(+) 1.60E+03 ± 2	3.43±1.3 ± 6.79±1.2(±) 6.23±0.7 ± 1.24±0.8(×) 9.41±0.7 ± 2.24±0.9(×) 9.41±0.7 ± 2.24±0.9(×) 9.51±0.2 ± 1.66±0.0(±) 5.50±0.7 ± 2.98±0.7(±) 1.31±0.7 ± 2.05±0.0(±) 1.31±0.7 ± 2.05±0.0(±) 1.31±0.7 ± 2.05±0.0(±) 1.31±0.7 ± 2.05±0.0(±) 1.31±0.7 ± 2.05±0.0(±) 3 4 4 2.0±0.5, β=0.7 Mcan±Stal 0.00±0.00 ± 0.00±0.0(∞) 8.81±0.3 ± 1.77±0.0(±) 2.56±0.9 ± 3.07±0.6(±) 1.31±0.9 ± 3.07±0.6(±) 1.32±0.9 ± 3	4.45E+13 ± 7.16E+12(±) 6.32E+07 ± 1.28E+08(·) 9.40E+07 ± 2.50E+05(≈) 9.30E+07 ± 2.50E+05(≈) 9.30E+02 ± 1.15E+00(+) 9.79E+02 ± 1.15E+00(+) 1.37E+07 ± 2.95E+06(+) 1.13E+08 ± 9.91E+06(+) 1.13E+08 ± 9.91E+06(+) 9.00E+00 ± 0.00E+00 ± 0.00E+00 0.00E+00 ± 0.00E+00 ± 0.00E+00 9.00E+00 ± 0.00E+00 ± 0.00E+00 1.00E+00 ± 0.00E+00 ± 0.00E+00 1.00E+00 ± 1.02E+00(+) 1.00E+00 ± 3.14E+05(+) 1.00E+00 ± 3.14E+05(+) 1.00E+00 ± 3.14E+05(+) 1.00E+00 ± 3.14E+05(+) 1.17E+08 ± 3.30E+07(+) 9.90E+00 ± 3.30E+05(+) 1.17E+08 ± 3.30E+07(+) 9.90E+00 ± 3.30E+05(+) 1.12E+08 ± 9.13E+05(+) 1.12E+08 ± 9.13E+05(+)	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+015(∞) 9.40E+07 ± 2.06E+015(∞) 1.31E+08 ± 5.29E+07(+) 9.96E+02 ± 8.27E+00(+) 5.12E+08 ± 1.94E+08(+) 4.87E+07 ± 2.87E+07(+) 1.13E+08 ± 8.43E+00(+) 0.00E+00 ± 0.00E+00(∞) 5.40E+03 ± 0.00E+00(∞) 5.40E+03 ± 3.00E+01(-) 2.16E+01 ± 5.27E+03(∞) 4.02E+08 ± 1.36E+01(∞) 3.11E+07 ± 6.36E+00(−) 3.11E+07 ± 6.50E+00(+) 9.90E+05 ± 5.27E+03(∞) 9.90E+05 ± 5.27E+03(∞) 1.14E+08 ± 2.27E+00(+) 5.47E+06 ± 1.86E+00(+) 5.47E+00 ± 1.86E+00(+)	6.072±13 ± 1.03±1.3(+) 4.14±07 ± 2.02±07(∞) 9.40±07 ± 2.28±05(∞) 1.81±408 ± 5.18±07(+) 1.00±603 ± 7.14±01(+) 1.11±409 ± 7.33±0.08(+) 1.07±408 ± 1.00±407(+) 1.07±408 ± 1.00±407(+) 1.07±408 ± 1.00±407(+) 1.00±408 ± 0.00±400(∞) 5.08±00 ± 0.00±400(∞) 5.08±02 ± 2.31±×01(+) 2.16±401 ± 4.90±403(∞) 6.41±408 ± 7.99±407(+) 3.09±405 ± 3.24±406(±) 1.06±406 ± 1.08±403(∞) 2.40±403 ± 7.32±10(+) 2.40±403 ± 7.40±10(+) 2.40±403 ±	7.072±13 $\pm$ 1.12±15( $\pm$ ) 9.36±07 $\pm$ 1.45±048( $\pm$ ) 9.36±07 $\pm$ 1.45±048( $\pm$ ) 9.36±07 $\pm$ 1.77±05( $\pm$ ) 9.205±048 $\pm$ 4.79±07( $\pm$ ) 1.01±03 $\pm$ 8.86±00( $\pm$ ) 2.26±049 $\pm$ 1.23±09( $\pm$ ) 5.14±048 $\pm$ 4.72±048( $\pm$ ) 1.08±08 $\pm$ 9.40±06( $\pm$ ) 1.08±08 $\pm$ 9.40±06( $\pm$ ) 4 4 4 6.00.4 $\pm$ 6.06 4 6.00±00 $\pm$ 6.00±00( $\pm$ ) 8.21±02 $\pm$ 1.60±03( $\pm$ ) 8.21±02 $\pm$ 1.60±03( $\pm$ ) 1.56±04 $\pm$ 3.05±048( $\pm$ ) 5.04±06 $\pm$ 2.00±049( $\pm$ ) 7.87±07 $\pm$ 1.46±08( $\pm$ ) 9.40±07 $\pm$ 2.01±07( $\pm$ ) 9.50±07 $\pm$ 2.31±07( $\pm$ ) 1.29±09 $\pm$ 3.05±048( $\pm$ ) 1.20±04 $\pm$ 3.05±049( $\pm$ ) 1.20±04 $\pm$ 3.05±07( $\pm$ )	1.32E+13 ± 3.70E+12(≈) 3.46E+07 ± 50E+06(∞) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(∞) 8.88E+02 ± 2.93E+01(∞) 8.88E+02 ± 2.93E+01(∞) 8.83E+06 ± 1.19E+06(∞) 5.62E+06 ± 1.13E+06(∞) 1 12 α=0.5, β=0.6 Mean±Sxd 0.00E+06 ± 0.00E+00(∞) 6.29E+03 ± 3.87E+03(∞) 6.29E+03 ± 3.97E+03(∞) 6.29E+03 ± 3.99E+05(∞) 6.29E+03 ± 3.99E+0	$\begin{array}{c} 2.002e+13\pm5.75E+12(+)\\ -7.87E+07\pm1.52E+08(+)\\ -9.41E+07\pm2.03E+05(+)\\ -9.41E+07\pm2.03E+05(+)\\ -9.161E+07\pm2.03E+05(+)\\ -9.161E+02\pm2.03E+01(+)\\ -5.36E+06\pm2.29E+001(+)\\ -5.36E+06\pm2.29E+001(+)\\ -8.90E+106\pm7.40E+05(\infty)\\ -8.90E+106\pm7.40E+05(\infty)\\ -8.90E+106\pm7.40E+05(\infty)\\ -8.90E+106\pm7.40E+05(\infty)\\ -8.90E+106\pm9.29E+06(\infty)\\ -8.90E+006\pm0.29E+06(\infty)\\ -8.90E+006\pm0.29E+06(\infty)\\ -8.90E+006\pm0.29E+06(\infty)\\ -8.90E+006\pm0.29E+06(\infty)\\ -8.90E+006\pm0.29E+06(\infty)\\ -8.90E+006\pm0.29E+06(\infty)\\ -8.90E+006\pm0.29E+06(\infty)\\ -9.90E+006\pm0.29E+06(\infty)\\ -9.$
$F_9$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $+$ $F_{15}$ $F_{14}$ $F_{15}$ $F_{16}$ $F_{17}$ $F_{19}$ $F_{19}$ $F_{10}$ $F_{11}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $F_{15}$	1.37E+13 ± 3.37E+12(∞) 3.73E+407 ± 8.37E+40(± 5) 9.40E+407 ± 2.33E+405(∞) 9.40E+407 ± 2.33E+405(∞) 9.40E+407 ± 2.33E+405(∞) 9.40E+402 ± 2.79E+401(∞) 3.20E+406 ± 1.75E+406(∞) 7.82E+406 ± 1.10E+407(±) 3.20E+406 ± 1.12E+406(∞) 7.82E+406 ± 1.12E+406(∞) 7.82E+406 ± 1.25E+406(∞) 7.82E+406 ± 1.25E+406(∞) 7.82E+406 ± 3.23E+406(±) 7.82E+406 ± 3.23E+40	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+05(∞) 9.41E+07 ± 1.55E+05(∞) 9.41E+07 ± 1.55E+05(∞) 9.41E+07 ± 1.55E+05(∞) 9.10E+02 ± 1.32E+01(+) 9.10E+02 ± 1.32E+01(+) 9.10E+03 ± 1.32E+01(∞) 1.23E+06 ± 1.12E+05(∞) 1.23E+06 ± 1.12E+05(∞) 1.23E+06 ± 1.12E+05(∞) 0.00E+06 ± 0.00E+00(∞) 1.74E+03 ± 2.41E+03(-) 1.74E+03 ± 2.41E+03(-) 1.74E+03 ± 2.41E+03(-) 1.74E+03 ± 3.91E+05(+) 1.74E+03 ± 2.34E+05(+) 1.74E+03 ± 2.34E+05(+	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.05(-) 9.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 1.87±4.07(+) 9.53±4.02 ± 1.66±4.00(+) 5.50±6.07 ± 2.08±6.07(+) 1.31±4.07 ± 2.08±6.05(+) 1.31±4.07 ± 2.08±6.05(+) 1.31±4.07 ± 2.08±6.05(+) 1.30±4.08 ± 1.22±4.07(+) 3.4 4.21±2.05 ± 3.07±4.05(±) 2.16±4.01 ± 5.21±3.03(∞) 2.56±4.09 ± 3.09±4.06(+) 1.30±4.09 ± 3.09±4.06(+) 1.30±4.09 ± 3.09±4.06(+) 1.30±4.09 ± 3.09±4.06(+) 1.30±4.09 ± 3.09±4.06(+) 1.31±4.09 ± 3.09±4.07(+) 3.40±4.07 ± 2.83±4.05(∞) 1.31±4.08 ± 3.31±4.07(+) 3.44±6.07 ± 1.26±4.06(+) 1.34±6.07 ± 1.26±6.07(+) 1.34±6.07 ± 1.26±6.0	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05(∞) 9.40E+07 ± 2.50E+05(∞) 9.30E+07 ± 2.50E+05(∞) 9.79E+02 ± 1.15E+00(+) 9.79E+02 ± 1.15E+00(+) 1.37E+07 ± 2.95E+06(+) 1.37E+07 ± 1.02E+07(±) 0.40E+400 ± 0.40E+06(∞) 9.63E+03 ± 1.02E+07(±) 1.21E+04 ± 1.02E+07(±) 1.21E+04 ± 1.02E+07(±) 1.32E+04 ± 1.12E+07(±) 1.32E+03 ± 3.37E+07(+) 9.90E+07 ± 3.39E+03(±) 1.37E+08 ± 3.37E+07(+) 9.90E+07 ± 3.39E+03(±) 1.37E+08 ± 3.37E+07(+) 9.90E+07 ± 3.37E+07(+) 1.32E+08 ± 3.37E+07(+) 1.32E+08 ± 3.37E+07(+) 1.32E+08 ± 3.37E+07(+) 1.32E+08 ± 3.33E+05(+) 1.32E+08 ± 3.33E+08(+) 1.32E+08 ± 3.33E+08(	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+02 ± 8.27E+00(+) 9.50E+02 ± 8.27E+00(+) 9.50E+02 ± 8.27E+00(+) 4.87E+07 ± 2.87E+07(+) 1.13E+08 ± 8.33E+06(+) 0.00E+400 ± 0.36E+00(∞) 0.00E+400 ± 0.00E+00(∞) 5.40E+02 ± 3.66E+01(−) 2.16E+01 ± 5.27E−33(∞) 4.02E+08 ± 3.66E+01(−) 2.16E+01 ± 5.27E−33(∞) 4.02E+08 ± 3.66E+01(−) 3.48E+06 ± 3.27E+06(+) 3.48E+06 ± 3.27E+06(+) 3.11E+04 ± 4.98E+04(−) 1.76E+13 ± 5.28E+12(+) 3.11E+04 ± 4.98E+04(−) 1.76E+13 ± 5.28E+12(+) 3.11E+07 ± 6.50E+06(−) 9.50E+06 ± 5.36E+07(−) 8.87E+06 ± 8.82E+05(∞) 1.14E+08 ± 2.22E+07(−) 8.87E+06 ± 8.82E+05(∞) 1.14E+08 ± 2.22E+07(−) 3.50E+06 ± 1.38E+05(∞) 1.14E+08 ± 2.22E+07(−) 3.50E+06 ± 8.82E+05(∞) 1.14E+08 ± 2.22E+07(−) 3.50E+06 ± 8.82E+05(∞) 1.14E+08 ± 2.22E+07(−)	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.0E±107(∞) 9.40E+07 ± 2.28E±105(∞) 1.81E+08 ± 5.18E±07(+) 1.00E±03 ± 7.14E±01(+) 1.11E±09 ± 7.33E±08(+) 1.00E±03 ± 1.06E±07(+) 1.07E±08 ± 1.06E±07(±) 1.07E±08 ± 1.06E±07(±) 1.08E±06 ± 2.31E±06(±) 1.3.69E±06 ± 1.03E±03(∞) 1.3.69E±06 ± 1.03E±03(∞) 1.3.69E±06 ± 1.03E±03(∞) 1.3.69E±06 ± 3.24E±06(+)	7.07±13 ± 1.12±13(+) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.77±040(∞) 9.36±07 ± 1.78±040(∞) 1.01±03 ± 8.80±00(∞) 1.01±03 ± 8.80±00(∞) 1.02±03 ± 8.80±00(∞) 1.03±03 ± 9.00±06(∞) 1.03±03 ± 9.00±06(∞) 1.03±03 ± 9.00±06(∞) 1.03±03 ± 9.00±06(∞) 1.03±03 ± 9.00±06(∞) 1.03±03 ± 9.00±06(∞) 1.03±03 ± 9.00±06(∞) 1.135±09 ± 1.60±03(∞) 1.135±09 ± 1.60±03(∞) 1.135±09 ± 1.60±03(∞) 1.135±09 ± 1.60±03(∞) 1.135±09 ± 1.00±03(∞) 1.135±09 ± 1.00±03(∞) 1.30±040 ± 2.03±04(∞) 3.03±041 ± 1.33±043(∞) 1.30±040 ± 2.03±04(∞) 3.04±13 ± 1.33±043(∞) 1.30±040 ± 2.03±04(∞) 3.04±13 ± 1.06±40(∞) 1.30±040 ± 2.03±04(∞) 1.30±040 ± 1.30±40(∞) 1.10±040 ± 1.30±40(∞) 1.10±040 ± 1.10±040(∞) 1.10±040 ± 1.10	1.32E+13 ± 3.70E+12(≈) 3.46E+07 ± 5.01E+06(≈) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(≈) 8.88E+02 ± 2.93E+01(≈) 8.88E+02 ± 2.93E+01(≈) 8.88E+02 ± 1.03E+06(≈) 8.33E+06 ± 1.19E+06(≈) 5.62E+06 ± 1.19E+06(≈) 5.62E+06 ± 1.34E+06(+) 2 12 α=0.5, β=0.6 Mean±Sul 0.00E+406 ± 0.00E+00(≈) 6.29E+03 ± 3.87E+03E+0 6.29E+03 ± 7.15E+04(+) 4.36E+13 ± 7.15E+04(+) 4.36E+13 ± 7.15E+04(+) 4.36E+13 ± 1.73E+05(≈) 8.36E+07 ± 3.00E+07(+) 9.36E+07 ± 3.00E+07(+)	2.00£+13 ± 5.75£+12(+) 7.87£+07 ± 1.52£+08(-) 9.41£+07 ± 2.03£+05(+) 1.19£+07 ± 2.03£+05(+) 1.19£+07 ± 2.03£+05(+) 1.19£+07 ± 2.03£+01(+) 6.36£+06 ± 2.57£±06(+) 8.50£+06 ± 2.49£±06(+) 1.20£+06 ± 7.40£±05(∞) 1.20£+06 ± 7.40£±05(∞) 1.20£+06 ± 0.00£+00(∞) 8.06£+06 ± 0.00£+00(∞) 8.06£+06 ± 0.00£+00(∞) 8.06£+06 ± 0.00£+00(∞) 1.16£+01 ± 5.81£±03(∞) 2.59£+08 ± 5.17£±07(∞) 1.16£+06 ± 5.17£±07(∞) 1.16£+06 ± 5.27£±05(+) 1.27£±13 ± 2.23£±12(∞) 1.38£±05 ± 2.23£±12(∞) 3.30£±06 ± 1.38£±06(∞) 3.30£±06 ± 1.38£±06(∞) 3.30£±06 ± 1.38£±06(∞) 3.30£±06 ± 1.38£±06(∞) 3.30£±06 ± 1.38£±06(∞) 3.30£±06 ± 1.38£±06(∞) 3.30£±06 ± 1.38£±06(∞) 3.30£±06 ± 1.38£±06(∞) 3.30£±06 ± 1.38£±06(∞) 3.30£±06 ± 1.38£±06(∞) 3.30£±06 ± 1.38£±06(∞) 3.30£±06 ± 1.09£±06(∞) 4.2£±06 ± 1.09£±06(∞) 1.60£.00£±06 ± 1.09£±06(∞) 1.60£.00€.00€.00€.00€.00€.00€.00€.00€.00€.0
$F_{9}$ $F_{10}$ $F_{11}$ $F_{12}$ $F_{13}$ $F_{14}$ $F_{15}$ $+$ $F_{15}$ $F_{11}$ $F_{12}$ $F_{113}$ $F_{14}$ $F_{14}$ $F_{15}$	1.37E+13 ± 3.37E+12(∞) 3.73E+07 ± 8.37E+06(∞) 9.40E+07 ± 2.33E+405(∞) 9.40E+407 ± 2.33E+405(∞) 9.40E+407 ± 2.33E+405(∞) 9.40E+407 ± 2.33E+405(∞) 9.01E+402 ± 2.79E+401(∞) 3.20E+406 ± 1.75E+406(∞) 7.82E+406 ± 1.10E+407(+) 3 2 10 α=0.3, β=0.7 Mean±Std 0.06E+409 ± 0.00E+400(∞) 5.10E+02 ± 2.78E+401(-) 2.16E+401 ± 4.74E+0.3(∞) 4.74E+0.36E	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+405(∞) 9.41E+07 ± 1.55E+405(∞) 1.44E+07 ± 5.66E+06(+) 9.10E+02 ± 1.32E+01(+) 7.28E+06 ± 5.66E+06(+) 9.30E+06 ± 1.12E+406(∞) 1.23E+08 ± 1.25E+07(+) 2 6 6.00±0.4, β=0.7 Mean±5xd 0.00E+06 ± 0.00E+00(∞) 1.74E+03 ± 2.41E+03(−) 2.16E+01 ± 5.61E+03(∞) 1.74E+03 ± 2.41E+03(−) 2.16E+01 ± 5.61E+03(∞) 1.74E+03 ± 3.07E+06(+) 4.74E+06 ± 3.07E+06(+) 4.74E+06 ± 3.07E+06(+) 4.74E+06 ± 3.07E+06(+) 4.23E+13 ± 3.07E+06(+) 4.23E+13 ± 2.88E+07(∞) 6.66E+07 ± 2.25E+07(+) 9.74E+02 ± 2.38E+07(+) 1.60E+03 ± 2	3.43±1.3 ± 6.79±1.2(±) 6.23±0.7 ± 1.24±0.8(×) 9.41±0.7 ± 2.24±0.9(×) 9.41±0.7 ± 2.24±0.9(×) 9.51±0.2 ± 1.66±0.0(±) 5.50±0.7 ± 2.98±0.7(±) 1.31±0.7 ± 2.05±0.0(±) 1.31±0.7 ± 2.05±0.0(±) 1.31±0.7 ± 2.05±0.0(±) 1.31±0.7 ± 2.05±0.0(±) 1.31±0.7 ± 2.05±0.0(±) 3 4 4 2.0±0.5, β=0.7 Mcan±Stal 0.00±0.00 ± 0.00±0.0(∞) 8.81±0.3 ± 1.77±0.0(±) 2.56±0.9 ± 3.07±0.6(±) 1.31±0.9 ± 3.07±0.6(±) 1.32±0.9 ± 3	4.45E+13 ± 7.16E+12(±) 6.32E+07 ± 1.28E+08(·) 9.40E+07 ± 2.50E+05(≈) 9.30E+07 ± 2.50E+05(≈) 9.30E+02 ± 1.15E+00(+) 9.79E+02 ± 1.15E+00(+) 1.37E+07 ± 2.95E+06(+) 1.13E+08 ± 9.91E+06(+) 1.13E+08 ± 9.91E+06(+) 9.00E+00 ± 0.00E+00 ± 0.00E+00 0.00E+00 ± 0.00E+00 ± 0.00E+00 9.00E+00 ± 0.00E+00 ± 0.00E+00 1.00E+00 ± 0.00E+00 ± 0.00E+00 1.00E+00 ± 1.02E+00(+) 1.00E+00 ± 3.14E+05(+) 1.00E+00 ± 3.14E+05(+) 1.00E+00 ± 3.14E+05(+) 1.00E+00 ± 3.14E+05(+) 1.17E+08 ± 3.30E+07(+) 9.90E+00 ± 3.30E+05(+) 1.17E+08 ± 3.30E+07(+) 9.90E+00 ± 3.30E+05(+) 1.12E+08 ± 9.13E+05(+) 1.12E+08 ± 9.13E+05(+)	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+015(∞) 9.40E+07 ± 2.06E+015(∞) 1.31E+08 ± 5.29E+07(+) 9.96E+02 ± 8.27E+00(+) 5.12E+08 ± 1.94E+08(+) 4.87E+07 ± 2.87E+07(+) 1.13E+08 ± 8.43E+00(+) 0.00E+00 ± 0.00E+00(∞) 5.40E+03 ± 0.00E+00(∞) 5.40E+03 ± 3.00E+01(-) 2.16E+01 ± 5.27E+03(∞) 4.02E+08 ± 1.36E+01(∞) 3.11E+07 ± 6.36E+00(−) 3.11E+07 ± 6.50E+00(+) 9.90E+05 ± 5.27E+03(∞) 9.90E+05 ± 5.27E+03(∞) 1.14E+08 ± 2.27E+00(+) 5.47E+06 ± 1.86E+00(+) 5.47E+00 ± 1.86E+00(+)	6.072±13 ± 1.03±1.3(+) 4.14±07 ± 2.02±07(∞) 9.40±07 ± 2.28±05(∞) 1.81±408 ± 5.18±07(+) 1.00±603 ± 7.14±01(+) 1.11±409 ± 7.33±0.08(+) 1.07±408 ± 1.00±407(+) 1.07±408 ± 1.00±407(+) 1.07±408 ± 1.00±407(+) 1.00±408 ± 0.00±400(∞) 5.08±00 ± 0.00±400(∞) 5.08±02 ± 2.31±×01(+) 2.16±401 ± 4.90±403(∞) 6.41±408 ± 7.99±407(+) 3.09±405 ± 3.24±406(±) 1.06±406 ± 1.08±403(∞) 2.40±403 ± 7.32±10(+) 2.40±403 ± 7.40±10(+) 2.40±403 ±	7.07±13 ± 1.12±13(+) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.77±040(∞) 9.36±07 ± 1.78±040(∞) 1.01±03 ± 8.80±000(+) 2.36±09 ± 1.23±09(∞) 1.01±03 ± 8.80±00(+) 2.36±09 ± 9.00±06(+) 1.08±08 ± 9.00±06(+) 1.08±08 ± 9.00±06(+) 1.08±08 ± 9.00±06(+) 0.40±09 ± 9.00±06(∞) 8.21±09 ± 1.60±03(∞) 2.16±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.20±03(∞) 1.35±09 ± 1.20±03(∞) 1.35±09 ± 1.20±03(∞) 1.35±09 ± 1.20±03(∞) 1.35±09 ± 1.20±03(∞) 1.35±09 ± 1.20±03(∞) 1.35±09 ± 1.20±03(∞) 1.35±09 ± 1.20±03(∞) 1.35±09 ± 1.35±09(∞) 1.3	1.32E+13 ± 3.70E+12(≈) 3.46E+07 ± 501E+06(≈) 9.41E+07 ± 1.23E+05(+) 4.04E+06 ± 1.49E+06(±) 8.88E+02 ± 2.93E+01(≈) 8.88E+02 ± 2.93E+01(≈) 8.88E+02 ± 1.53E+06(≈) 8.33E+06 ± 1.19E+06(≈) 5.62E+06 ± 1.19E+06(≈) 5.62E+06 ± 1.13E+06(+) 2 12 α=0.5, β=0.6 Μεμπ±Sul 0.60E+60 ± 0.60E+00(≈) 6.29E+03 ± 3.87E+03E+0 6.29E+03 ± 3.87E+03E+0 5.20E+06 ± 3.87E+03E+0 5.20E+06 ± 3.87E+03E+0 5.20E+06 ± 3.50E+06(+) 5.20E+06 ± 3.50E+06(+) 5.20E+06 ± 3.50E+06(+) 5.20E+07 ± 3.70E+12(+) 4.83E+07 ± 9.98E+07(+) 9.80E+02 ± 1.73E+05(≈) 8.56E±07 ± 3.50E+06(+) 1.73E+05(±) 9.80E+02 ± 1.73E+05(+) 1.14E+08 ± 1.13E+07(+) 4.80E+03 ± 3.99E+06(±) 1.14E+08 ± 1.13E+07(+) 4.80E+03 ± 3.99E+06(±) 1.14E+08 ± 1.13E+07(+) 4.80E+03 ± 3.99E+06(±) 1.14E+08 ± 1.13E+07(+) 4.80E+03 ± 0.00E+00(±) 0.00E+00 ± 0.00E+00(∞)	$\begin{array}{c} 2.002 \pm 13 \pm 5.75 \pm 1.2(\pm) \\ 7.87 \pm 0.7 \pm 1.52 \pm 0.08 \\ 9.41 \pm 0.07 \pm 2.03 \pm 0.05 \\ 8.50 \pm 0.07 \pm 2.03 \pm 0.05 \\ 8.50 \pm 0.07 \pm 0.05 \\ 8.50 \pm 0.$
$\begin{array}{c} F_0 \\ F_{10} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{13} \\ F_{14} \\ F_{15} \\ \approx \\ FUN \\ F_1 \\ F_2 \\ F_3 \\ F_4 \\ F_5 \\ F_6 \\ F_7 \\ F_8 \\ F_9 \\ F_{10} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{15} \\ F_{15} \\ F_{16} \\ F_{17} \\ F_{18} \\ F_{19} \\ F_{19} \\ F_{19} \\ F_{19} \\ F_{19} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{15} \\ F_{15} \\ F_{16} \\ F_{17} \\ F_{18} \\ F_{19} $	1.37E+13 ± 3.37E+12(∞) 3.73E+407 ± 8.37E+40(±) 9.40E+407 ± 2.33E+40(±) 9.40E+407 ± 2.33E+40(±) 9.40E+407 ± 2.33E+40(±) 9.40E+407 ± 2.33E+40(±) 9.40E+406 ± 1.75E+40(±) 7.82E+406 ± 1.75E+40(±) 7.82E+406 ± 1.75E+40(±) 7.82E+406 ± 1.75E+40(±) 7.82E+406 ± 1.25E+40(±) 1.0 0.40E+400 ± 0.40E+400(∞) 5.10E+402 ± 2.75E+40(±) 1.216E+401 ± 4.74E+43(∞) 8.40E+403 ± 1.25E+40(±) 1.40E+404 ± 3.40E+40(±)	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+05(∞) 9.41E+07 ± 1.32E+06(∞) 1.23E+06 ± 1.12E+06(∞) 1.23E+06 ± 1.12E+06(∞) 1.23E+08 ± 1.12E+06(∞) 1.23E+08 ± 1.12E+06(∞) 1.23E+08 ± 1.24E+06(∞) 1.74E+09 ± 2.41E+03(∞) 1.74E+09 ± 2.41E+03(∞) 1.74E+09 ± 2.41E+03(∞) 1.74E+09 ± 3.91E+08(∞) 1.74E+09 ± 2.84E+05(∞) 1.74E+09 ± 3.91E+08(∞) 1.74E+09 ± 2.54E+07(∞) 1.74E+09 ± 3.91E+08(∞) 1.74E+09 ± 0.00E+09(∞) 1.74E+09 ± 0.00E+09 ±	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.05(-) 9.41±407 ± 2.24±4.05(∞) 4.41±407 ± 1.24±6.05(-) 9.51±6.02 ± 1.66±6.00(+) 9.51±6.02 ± 1.66±6.00(+) 5.50±6.07 ± 2.08±6.07(+) 1.31±407 ± 2.08±4.06(+) 1.31±407 ± 2.08±4.06(+) 1.31±407 ± 2.08±4.06(+) 1.30±4.08 ± 1.22±4.07(+) 4.60±0.08 ± 1.22±4.07(±) 4.60±0.08 ± 1.77±6.03(±) 2.16£4.01 ± 5.21±6.03(∞) 2.16£4.01 ± 5.21±6.03(∞) 2.16£4.01 ± 1.24±8.03(∞) 4.60±4.03 ± 1.26±4.03(∞) 4.60±4.03 ± 1.26±4.03(∞) 4.60±4.03 ± 1.26±4.03(∞) 4.72±4.03 ± 1.26±4.03(∞) 4.72±4.03 ± 1.26±4.03(∞) 4.72±4.03 ± 1.26±4.03(∞) 9.40±4.03 ± 1.26±4.03(∞) 1.13±6.03 ± 3.91±6.07(+) 1.13±6.03 ± 3.91±6.07(+) 1.13±6.03 ± 3.91±6.07(+) 1.13±6.03 ± 3.91±6.07(+) 1.13±6.03 ± 3.91±6.07(+) 1.13±6.03 ± 3.91±6.07(+) 1.13±6.03 ± 8.62±6.06(+) 1.13	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05( $\approx$ ) 9.40E+07 ± 2.50E+05( $\approx$ ) 9.50E+02 ± 1.15E+00(+) 9.79E+02 ± 1.15E+00(+) 2.50E+08 ± 9.06E±07(+) 1.13E+08 ± 9.91E+05(+) 4.0E+06 ± 9.91E+05(+) 4.0E+06 ± 9.91E+05(+) 4.0E+06 ± 1.62E+02(+) 9.53E+03 ± 1.62E+02(+) 1.10E+06 ± 1.162E+02(+) 1.10E+06 ± 1.162E+02(+) 1.10E+06 ± 1.162E+02(+) 1.10E+06 ± 1.162E+02(+) 9.40E+07 ± 3.04E+05( $\approx$ ) 9.40E+07 ± 3.04E+05( $\approx$ ) 9.40E+07 ± 3.04E+05( $\approx$ ) 9.70E+07 ± 3.04E+05( $\approx$ ) 9.70E+07 ± 3.84E+06(+) 1.12E+08 ± 9.13E+06(+) 1.12E+08 ± 9.13	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 9.50E+02 ± 8.27E+00(+) 9.50E+02 ± 8.27E+00(+) 9.50E+02 ± 8.27E+00(+) 4.87E+07 ± 2.87E+07(+) 1.13E+08 ± 8.33E+06(+) 1.13E+08 ± 8.33E+06(+) 1.13E+08 ± 8.33E+06(+) 0.60E+00 ± 3.06E+01(-) 2.16E+01 ± 5.27E+03(∞) 4.02E+08 ± 3.06E+01(-) 2.16E+01 ± 5.27E+03(∞) 4.02E+08 ± 6.36E+07(+) 3.48E+06 ± 3.27E+06(+) 1.16E+04 ± 1.36E+08(±) 9.40E+07 ± 2.72E+05(∞) 9.40E+07 ± 2.72E+05(∞) 9.40E+07 ± 2.72E+05(∞) 9.50E+07 ± 2.23E+01(+) 5.04E+06 ± 5.56E+05(+) 8.87E+06 ± 8.32E+05(∞) 1.14E+08 ± 2.22E+07(+) 8.87E+06 ± 8.32E+05(∞) 8.87E+06 ± 8.87E+0	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.0E±107(∞) 9.40E+07 ± 2.28E±105(∞) 1.81E+08 ± 5.18E±07(+) 1.00E+03 ± 7.14E±01(+) 1.10E+09 ± 7.33E±08(+) 1.10E±09 ± 7.33E±08(+) 1.07E±08 ± 1.06E±07(+) 1.07E±08 ± 1.06E±07(±) 1.07E±08 ± 1.06E±07(±) 1.07E±08 ± 1.06E±07(±) 1.07E±08 ± 2.31E±01(+) 2.36E±06 ± 3.24E±06(+) 1.06E±06 ± 1.07E±03(∞) 2.09E±13 ± 7.32E±10(+) 2.09E±13 ± 7.32E±10(+) 2.09E±13 ± 7.32E±10(+) 2.09E±13 ± 7.32E±10(+) 2.09E±13 ± 1.27E±07(+) 1.11E±07 ± 1.39E±06(+) 1.12E±07 ± 1.27E±07(+) 1.11E±07 ± 1.39E±06(+) 1.24E±08 ± 1.27E±07(+) 1.11E±07 ± 1.39E±06(+) 1.24E±08 ± 1.26E±07(+) 2.09E±10 ± 0.00E±00(+) 1.24E±08 ± 1.26E±07(+) 1.11E±07 ± 1.39E±06(+) 1.24E±08 ± 1.26E±07(+) 1.24E±08 ± 1.24E±08 ± 1.26E±07(+) 1.24E±08 ±	7.07±13 ± 1.12±13(+) 9.36±07 ± 1.45±08(∞) 9.36±07 ± 1.45±08(∞) 9.41±07 ± 1.77±04(∞) 9.41±07 ± 1.77±04(∞) 9.41±07 ± 1.77±04(∞) 9.41±07 ± 1.73±04(∞) 1.01±03 ± 8.86±00(+) 1.01±03 ± 8.86±00(+) 1.02±08 ± 8.86±00(+) 1.02±08 ± 9.00±06(∞) 1.02±08 ± 9.00±06(∞) 1.02±08 ± 9.00±06(∞) 0.00±09 ± 9.00±09(∞) 0.00±09	1.32E±13 ± 3.70E±10(2∞) 9.41E±07 ± 2.23E±05(+) 4.04E±06 ± 1.49E±06(±) 8.38E±02 ± 2.93E±01(∞) 8.38E±02 ± 2.93E±01(∞) 8.38E±06 ± 1.19E±06(∞) 8.33E±06 ± 1.19E±06(∞) 1.2 α=0.5, β=0.6 Mean±Sci 0.00E±06 ± 3.38E±06± 2.10E±06 ± 3.38E±06± 2.10E±06 ± 3.38E±06± 0.00E±06 ± 3.38E±06± 0.00E±06 ± 3.38E±06± 0.29E±03 ± 3.87E±03(∞) 2.16E±06 ± 3.38E±03(±) 0.00E±06 ± 9.99E±02(∞) 1.06E±06 ± 9.99E±02(∞) 1.06E±06 ± 9.99E±02(∞) 1.06E±06 ± 9.99E±02(∞) 1.06E±06 ± 9.00E±00(±) 1.14E±07 ± 1.13E±07(±) 2.00E±07 ± 3.99E±00(±) 1.14E±08 ± 1.13E±07(±) 2.00E±07 ± 3.99E±00(±) 1.14E±08 ± 1.13E±07(±) 0.00E±06 ± 9.00E±00(±) 0.00E±06 ± 1.13E±07(±) 0.00E±06 ± 0.00E±00(∞) 0.33E±02 ± 1.13E±07(±) 0.00E±06 ± 0.00E±00(∞) 0.33E±02 ± 4.73E±01(∞) 0.33E±02 ± 4.73E±01(∞) 0.00E±06 ± 0.00E±00(∞) 0.33E±02 ± 4.73E±01(∞) 0.3	2.00£+13 ± 5.75£+12(+) 7.87£+07 ± 1.52£+08(+) 9.41£+07 ± 2.03£+05(+) 1.19£+07 ± 2.03£+05(+) 1.19£+07 ± 2.03£+05(+) 1.19£+07 ± 2.03£+05(+) 1.19£+07 ± 2.20£±01(+) 6.36£+06 ± 2.20£±01(+) 6.36£+06 ± 2.40£±05(∞) 1.20£+08 ± 2.10£±07(+) 8.06£+06 ± 2.10£±07(+) 1.20£+08 ± 2.10£±07(+) 8.06£+06 ± 0.00£+00(∞) 8.06£+06 ± 0.12£±01(+) 2.10£±06 ± 5.17£±07(∞) 1.18£+06 ± 1.93£±06(∞) 1.18£+06 ± 1.93£±06(∞) 1.18£+06 ± 1.93£±06(∞) 1.20£±06 ± 9.77£±02(∞) 9.31£±07 ± 2.03£±07(∞) 9.31£±07 ± 2.03£±07(∞) 8.88£±02 ± 3.36£±01(∞) 8.88£±02 ± 3.36£±01(∞) 8.88£±02 ± 3.36£±01(∞) 8.88£±02 ± 3.36£±01(∞) 8.88£±03 ± 3.98£±06(∞) 1.30£±06 ± 2.99£±06(∞) 4.42£±06 ± 1.99£±06(∞) 4.42£±06 ± 3.98£±06(∞) 1.30£±06 ± 2.99£±06(∞) 1.30£±06 ± 2.99£±06(∞) 4.42£±06 ± 3.98£±06(∞) 1.30£±06 ± 3.98£±06(∞) 1.30£±06 ± 3.98£±06(∞) 1.30£±06 ± 3.88£±06(∞) 1.30€±06 ± 3.88£±06(
$\begin{array}{c} F_9 \\ F_{10} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{14} \\ F_{15} \\ + \\ + \\ - \\ \approx \\ \\ FUN \\ F_1 \\ F_2 \\ F_3 \\ F_4 \\ F_5 \\ F_6 \\ F_7 \\ F_8 \\ F_9 \\ F_{10} \\ F_{11} \\ F_{12} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{15} \\ + \\ - \\ - \\ \approx \\ \\ FUN \\ \\ \end{array}$	1.37E+13 ± 3.37E+12(∞) 3.73E+407 ± 8.37E+40(±05) 9.40E+407 ± 2.33E+405(∞) 9.40E+407 ± 2.33E+405(∞) 9.40E+407 ± 2.33E+405(∞) 9.40E+402 ± 2.79E+401(∞) 3.20E+406 ± 1.75E±406(∞) 7.82E+406 ± 1.125E+406(∞) 7.82E+406 ± 1.125E+406(∞) 7.82E+406 ± 1.25E+406(∞) 7.82E+406 ± 1.25E+406(∞) 7.82E+406 ± 1.25E+406(∞) 7.82E+406 ± 3.23E+406(∞) 7.82E+407 ± 2.83E+405(∞) 7.82E+407 ± 3.83E+407(∞) 7.82E+407 ± 3.83E+	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+015(∞) 9.41E+07 ± 1.55E+015(∞) 9.41E+07 ± 1.55E+015(∞) 9.41E+07 ± 1.55E+01(+) 9.10E+02 ± 1.32E+01(+) 9.10E+02 ± 1.32E+01(+) 9.10E+03 ± 1.32E+01(∞) 1.23E+06 ± 1.12E+016(∞) 1.23E+06 ± 1.12E+016(∞) 1.23E+06 ± 1.12E+016(∞) 0.00C+06 ± 0.00E+000(∞) 1.74E+03 ± 2.41E+03(∞) 1.74E+03 ± 2.41E+03(∞) 1.74E+03 ± 2.41E+03(∞) 1.74E+03 ± 2.41E+03(∞) 1.74E+03 ± 3.91E+03(∞) 1.76E+04 ± 2.38E+04(∞) 4.22E+13 ± 7.38E+12(√) 1.66E+04 ± 2.28E+04(∞) 4.22E+13 ± 2.38E+04(∞) 1.66E+04 ± 2.28E+04(∞) 1.66E+04 ± 0.00E+04(∞)	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.05(-) 9.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.51±4.02 ± 1.66±4.00(+) 5.50±6.07 ± 2.08±6.05(+) 1.31±4.07 ± 2.08±6.05(+) 1.31±4.07 ± 2.08±6.05(+) 1.31±4.07 ± 2.08±6.05(+) 1.30±4.08 ± 1.22±4.07(+) 3.4 4.21±2.04 ± 1.22±4.05(±) 3.4 4.21±4.01 ± 5.21±4.03(∞) 2.56±4.09 ± 3.09±4.06(+) 1.106±4.09 ± 1.12±4.03(∞) 3.20±6.05 ± 1.12±4.03(∞) 3.20±6.05 ± 1.12±4.03(∞) 3.20±6.05 ± 1.12±4.03(∞) 3.20±6.05 ± 1.12±4.03(∞) 3.20±6.05 ± 1.12±4.03(∞) 3.20±6.05 ± 1.12±4.03(∞) 3.20±6.05 ± 1.12±4.03(∞) 3.20±6.05 ± 1.12±4.03(∞) 3.20±6.05 ± 1.12±4.03(∞) 3.20±6.05 ± 1.12±4.03(∞) 3.20±6.05 ± 1.12±4.03(∞) 3.20±6.05 ± 1.12±4.03(∞) 3.20±6.05 ± 1.12±4.03(∞) 3.20±6.05 ± 1.12±4.03(∞) 3.20±6.05 ± 1.20±6.03(∞) 3.20±6.05 ± 1.20±6.03(∞) 3.20±6.05 ± 1.20±6.03(∞) 3.20±6.05 ± 0.00±4.00(∞) 0.00±6.00 ± 0.00€4.00(∞)	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+045(≈) 9.40E+07 ± 2.50E+045(≈) 9.30E+04 ± 3.50E+047(+) 9.79E+02 ± 1.15E+00(+) 9.79E+02 ± 1.15E+00(+) 1.37E+07 ± 2.95E+06(+) 1.37E+08 ± 3.07E+06(+) 1.26E+06 ± 3.07E+06(+) 1.26E+06 ± 3.16E+06(+) 1.06E+06 ± 3.16E+06(+) 1.06E+06 ± 9.11E+02(∞) 8.88E+05 ± 2.97E+03(+) 6.41E+07 ± 1.18E+08(-) 9.90E+07 ± 3.36E+05(± 0.00E+06(+) 1.37E+08 ± 3.37E+07(+) 9.90E+07 ± 3.36E+05(± 0.00E+06(+) 1.37E+08 ± 3.37E+07(+) 9.90E+07 ± 8.25E+01(+) 1.32E+08 ± 3.3EE+06(+) 1.33E+08 ± 3.6EE+09(∞)	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+04(8∞) 9.40E+07 ± 2.06E+04(5∞) 9.40E+07 ± 2.06E+04(5∞) 9.40E+07 ± 2.06E+04(5∞) 9.40E+02 ± 8.27E+00(+) 9.50E+02 ± 8.27E+00(+) 4.87E+07 ± 2.87E+07(+) 1.00 0.5 0.00.2. β=0.6 Mean±Sol 0.40E+400 ± 0.40E+00(∞) 5.40E+00 ± 0.40E+00(∞) 5.40E+00 ± 0.40E+00(∞) 5.40E+00 ± 3.60E+01(-) 2.16E+01 ± 5.27E+03(∞) 4.02E+08 ± 6.36E+07(+) 3.48E+00 ± 3.27E+06(+) 3.48E+00 ± 3.27E+06(+) 3.11E+00 ± 4.98E+00(-) 1.16E+13 ± 5.28E+12(+) 3.11E+07 ± 6.50E+06(+) 9.50E+06 ± 1.86E+06(+) 9.50E+06 ± 0.00E+00(+) 0.00E+00 ± 0.00E+00(∞)	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.0EE+07(∞) 9.40E+07 ± 2.28E+05(∞) 1.81E+08 ± 5.18E+07(+) 1.00E+03 ± 7.14E+01(+) 1.11E+09 ± 7.53E+08(+) 1.01E+09 ± 7.53E+08(+) 1.01E+09 ± 7.53E+08(+) 1.01E+08 ± 1.06E+07(+) 1.07E+08 ± 1.06E+07(±) 1.08E+06 ± 2.31E+01(-) 1.508E+06 ± 2.31E+01(-) 1.30E+06 ± 3.24E+06(+) 1.30E+07 ± 1.03E+03(∞) 1.10E+08 ± 1.03E+03(∞) 1.10E+07 ± 1.13E+07(+) 1.20E+07 ± 1.13E+07(+) 1.21E+07 ± 1.39E+06(+) 1.21E+07 ± 0.00E+000 ± 0.00E+000(∞)	7.07±13 ± 1.12±13(+) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.77±040(∞) 9.36±07 ± 1.78±040(∞) 1.01±03 ± 8.80±000(+) 2.36±09 ± 1.23±09(∞) 1.01±03 ± 8.80±00(+) 2.36±09 ± 9.00±06(+) 1.08±08 ± 9.00±06(+) 1.08±08 ± 9.00±06(+) 1.08±08 ± 9.00±06(+) 0.40±09 ± 9.00±06(∞) 8.21±09 ± 1.60±03(∞) 2.16±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.20±03(∞) 1.35±09 ± 1.20±03(∞) 1.35±09 ± 1.20±03(∞) 1.35±09 ± 1.20±03(∞) 1.35±09 ± 1.20±03(∞) 1.35±09 ± 1.20±03(∞) 1.35±09 ± 1.20±03(∞) 1.35±09 ± 1.20±03(∞) 1.35±09 ± 1.35±09(∞) 1.3	1.32E+13 ± 3.70E+12(≈) 3.46E+07 ± 501E+06(≈) 9.41E+07 ± 1.23E+05(+) 4.04E+06 ± 1.49E+06(±) 8.88E+02 ± 2.93E+01(≈) 8.88E+02 ± 2.93E+01(≈) 8.88E+02 ± 1.53E+06(≈) 8.33E+06 ± 1.19E+06(≈) 5.62E+06 ± 1.19E+06(≈) 5.62E+06 ± 1.13E+06(+) 2 12 α=0.5, β=0.6 Μεμπ±Sul 0.60E+60 ± 0.60E+00(≈) 6.29E+03 ± 3.87E+03E+0 6.29E+03 ± 3.87E+03E+0 5.20E+06 ± 3.87E+03E+0 5.20E+06 ± 3.87E+03E+0 5.20E+06 ± 3.50E+06(+) 5.20E+06 ± 3.50E+06(+) 5.20E+06 ± 3.50E+06(+) 5.20E+07 ± 3.70E+12(+) 4.83E+07 ± 9.98E+07(+) 9.80E+02 ± 1.73E+05(≈) 8.56E±07 ± 3.50E+06(+) 1.73E+05(±) 9.80E+02 ± 1.73E+05(+) 1.14E+08 ± 1.13E+07(+) 4.80E+03 ± 3.99E+06(±) 1.14E+08 ± 1.13E+07(+) 4.80E+03 ± 3.99E+06(±) 1.14E+08 ± 1.13E+07(+) 4.80E+03 ± 3.99E+06(±) 1.14E+08 ± 1.13E+07(+) 4.80E+03 ± 0.00E+00(±) 0.00E+00 ± 0.00E+00(∞)	2-00E+13 ± 5.75E+12(+) 7.87E+07 ± 1.52E+08(-) 9.41E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+01(+) 6.36E+06 ± 2.57SE+06(-) 8.50E+06 ± 2.49E+06(-) 1.20E+08 ± 2.49E+06(-) 1.20E+08 ± 2.49E+06(-) 1.20E+08 ± 3.4 0.40 ± 1.40±5 0.40E+06 ± 0.00E+00(∞) 8.50E+07 ± 0.00E+00(∞) 8.50E+07 ± 0.00E+00(∞) 1.16E+06 ± 0.12E+01(+) 1.20E+08 ± 5.17E+07(∞) 1.16E+08 ± 5.17E+07(∞) 1.16E+08 ± 5.17E+07(∞) 1.16E+08 ± 5.17E+07(∞) 1.16E+08 ± 5.17E+07(∞) 1.30E+08 ± 2.23E+12(∞) 1.30E+08 ± 2.33E+10(∞) 1.30E+08 ± 2.33E+10(∞) 1.30E+08 ± 2.33E+10(∞) 1.30E+08 ± 3.36E+01(∞) 1.30E+08 ± 2.03E+05(∞) 1.30E+08 ± 2.03E+05(∞) 1.30E+08 ± 2.03E+05(∞) 1.30E+08 ± 2.03E+05(∞) 1.30E+08 ± 2.10E+27(∞) 1.30E+08 ± 2.11E+27(∞) 1.30E+08 ± 2.11E+27(∞) 1.30E+08 ± 2.11E+27(∞)
$\begin{array}{c} F_{00} \\ F_{100} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{13} \\ F_{14} \\ F_{15} \\ F_{15} \\ F_{14} \\ F_{15} \\ F_{14} \\ F_{2} \\ F_{2} \\ F_{3} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{15} \\ F_{15}$	1.37E+13 ± 3.37E+12(∞) 3.73E+407 ± 8.37E+40(±) 9.40E+407 ± 2.33E+40(±) 9.40E+407 ± 2.33E+40(±) 9.40E+407 ± 2.33E+40(±) 9.40E+407 ± 2.33E+40(±) 9.40E+406 ± 1.75E+40(±) 7.82E+406 ± 2.75E+40(±) 7.82E+406 ± 3.73E+40(±) 7.82E+406 ± 3.73E+40(±) 7.82E+406 ± 3.73E+40(±) 7.82E+406 ± 3.73E+40(±) 7.82E+407 ± 2.83E+40(±) 7.83E+407 ± 2.83E+40(±) 7.83E+	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+05(∞) 9.41E+07 ± 1.55E+05(∞) 9.41E+07 ± 1.55E+05(∞) 9.41E+07 ± 1.55E+05(+) 9.41E+07 ± 1.55E+05(+) 9.41E+06 ± 1.12E+06(∞) 1.23E+06 ± 1.12E+06(∞) 1.23E+06 ± 1.12E+06(∞) 1.23E+06 ± 1.12E+06(∞) 1.23E+08 ± 1.12E+06(∞) 1.23E+08 ± 1.24E+06(∞) 1.74E+03 ± 2.41E+03(∞) 1.74E+03 ± 2.41E+03(∞) 1.74E+03 ± 2.41E+03(∞) 1.74E+03 ± 3.91E+03(∞) 1.74E+03 ± 2.44E+03(∞) 1.74E+03 ± 3.91E+03(∞) 1.74E+03 ± 2.54E+03(∞) 1.74E+03 ± 2.74E+03(∞) 1.74E+03 ± 2.74E+03(∞	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.05(-) 9.41±407 ± 2.24±4.05(∞) 4.41±407 ± 2.24±4.05(∞) 4.41±407 ± 2.24±4.05(∞) 5.50±6.07 ± 1.87±6.07(+) 1.31±407 ± 2.05±4.06(+) 1.31±407 ± 2.05±4.06(+) 1.31±407 ± 2.05±4.06(+) 1.31±407 ± 2.05±4.06(+) 1.30±4.08 ± 1.22±4.07(+) 4.0±0.5, β=0.7 Mean±Scl 0.00€4.00 ± 0.00€4.00(∞) 8.81±40.3 ± 1.77±4.03(-) 2.16±401 ± 5.21€-30(∞) 2.26±401 ± 5.21€-30(∞) 2.30±4.03 ± 1.32±4.03(∞) 3.20±4.03 ± 1.32±4.03(∞) 3.20±4.03 ± 1.32±4.03(∞) 3.20±4.03 ± 1.32±4.03(∞) 9.40±4.03 ± 1.32±4.03(∞) 9.40±4.03 ± 1.32±4.03(∞) 9.40±4.03 ± 1.32±4.03(∞) 1.33±4.03 ± 3.91±4.07(+) 1.33±4.03 ± 3.91±4.07(+) 1.33±4.03 ± 3.91±4.07(+) 1.34±4.03 ± 1.26±4.03(∞) 3.44±4.07 ± 1.26±4.03(∞) 4.47±4.03 ± 2.84±4.03(+) 3.44±4.07 ± 1.26±4.03(∞) 4.47±4.03 ± 2.84±4.03(+) 3.44±4.07 ± 1.26±4.03(∞) 5.12±4.03 ± 3.91±4.07(+) 1.33±4.03 ± 3.91±4.07(+) 1.33±4.03 ± 3.91±4.07(+) 1.33±4.03 ± 3.91±4.07(+) 1.34±4.03 ± 1.26±4.03(∞) 5.12±4.03 ± 2.64±4.03(∞) 5.12±4.03 ±	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(+) 9.40E+07 ± 2.50E+05(≈) 9.40E+07 ± 2.50E+05(≈) 9.40E+07 ± 2.50E+05(≈) 9.50E+02 ± 1.15E+00(+) 9.79E+02 ± 1.15E+00(+) 1.37E+07 ± 2.50E+06(+) 1.13E+08 ± 9.91E+05(+) 1.13E+08 ± 1.02E+02(±) 4.00E+00 ± 1.02E+05(±) 2.16E+01 ± 5.75E+03(≈) 3.21E+09 ± 1.02E+05(±) 4.00E+06 ± 3.14E+05(±) 1.06E+06 ± 3.14E+05(±) 1.37E+08 ± 9.91E+02(±) 9.90E+07 ± 3.03E+05(≈) 9.90E+07 ± 3.03E+05(≈) 1.37E+08 ± 3.93E+05(±) 1.37E+08 ± 6.55E+05(±) 1.37E+08 ± 6.5E+05(±) 1.37E+0	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 9.51E+08 ± 5.29E+07(+) 9.51E+08 ± 5.29E+07(+) 4.87E+07 ± 2.87E+07(+) 1.13E+08 ± 8.33E+06(±) 6.5 6.0.2. β=1.6 Mean±Scl 0.40E+00 ± 0.40E+00(∞) 5.40E+02 ± 3.06E+01(-) 2.16E+01 ± 5.27E+03(∞) 4.02E+08 ± 3.06E+01(-) 2.16E+01 ± 5.27E+03(∞) 4.02E+08 ± 5.36E+01(-) 3.48E+06 ± 3.27E+06(+) 1.16E+19 ± 1.36E+03(∞) 9.40E+07 ± 2.27E+03(∞) 9.40E+07 ± 2.27E+03(∞) 9.40E+07 ± 2.27E+03(∞) 9.59E+06 ± 5.56E+05(+) 9.59E+06 ± 5.56E+05(+) 9.59E+06 ± 5.56E+05(+) 8.57E+06 ± 8.32E+05(∞) 1.14E+08 ± 2.22E+07(+) 8.57E+06 ± 8.32E+05(∞) 1.14E+08 ± 2.22E+07(+) 8.57E+06 ± 8.32E+05(∞) 1.14E+08 ± 2.22E+07(+) 6.60E+09 ± 1.86E+06(∞) 6.60E+09 ± 0.00E+000(∞) 5.66E+00 ± 0.94E+00(∞) 5.66E+00 ± 0.94E+	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.0E±107(∞) 9.40E+07 ± 2.28E+05(∞) 9.40E+07 ± 2.28E+05(∞) 1.81E+08 ± 5.18E+07(+) 1.00E+03 ± 7.14E+01(+) 1.10E+09 ± 7.33E+08(+) 1.10E+09 ± 7.33E+08(+) 1.10E+01 ± 1.00E+07(+) 1.10E+08 ± 8.48E±07(+) 1.07E+08 ± 1.00E+07(+) 1.07E+08 ± 1.00E+07(+) 1.07E+08 ± 1.00E+07(+) 1.07E+08 ± 1.00E+07(+) 1.07E+08 ± 2.31E+01(-) 2.36E+01 ± 4.90E+03(∞) 3.10E+04 ± 2.31E+01(-) 3.40E+05 ± 1.03E+03(∞) 3.10E+04 ± 2.30E+00(+) 1.00E+06 ± 1.03E+03(∞) 3.10E+04 ± 2.30E+00(+) 1.00E+06 ± 1.12E+07(+) 1.11E+07 ± 1.39E+01(+) 1.24E+03 ± 1.25E+07(+) 1.24E+03 ± 1.25E+07(+	7.07±13 ± 1.12±13(+) 9.36±07 ± 1.45±08(∞) 9.36±07 ± 1.45±08(∞) 9.41±07 ± 1.77±405(∞) 9.41±07 ± 1.77±405(∞) 9.41±07 ± 1.77±405(∞) 9.41±07 ± 1.78±09(∞) 1.01±03 ± 8.86±00(+) 1.01±03 ± 8.86±00(+) 1.02±03 ± 8.86±00(+) 1.03±03 ± 9.30±406(+) 1.03±03 ± 9.30±406(+) 1.03±03 ± 9.30±406(+) 1.03±03 ± 9.30±406(+) 1.03±03 ± 9.30±406(+) 1.03±03 ± 9.30±406(+) 1.03±03 ± 9.30±406(+) 1.135±09 ± 9.305±406(+) 1.135±09 ± 3.03±406(+) 1.135±09 ± 3.03±406(+) 1.135±09 ± 3.03±406(+) 1.135±09 ± 3.03±406(+) 1.135±09 ± 3.03±406(+) 1.135±09 ± 3.03±406(+) 1.14±03 ± 3.03±406(+) 1.14±03 ± 3.03±406(+) 1.14±03 ± 3.03±406(+) 1.14±03 ± 3.93±407(+) 1.24±403 ± 1.14±407(+) 1.24±403 ± 1.24±403(±) 1.24±403 ± 1.24±403(±) 1.24±403 ± 1.24±403(±) 1.24±403 ± 1.24±403(±) 1.24±403 ± 1.24±403(±) 1.24±403 ± 1.24±403(±) 1.24±403 ± 1.24±403(±) 1.24±403 ± 1.24±403(±) 1.24±403 ± 1.24±403(±) 1.24±403 ± 1.24±403(±) 1.24±403 ± 1.24±403(±) 1.24±403 ± 1.24±403(±) 1.24±403 ± 1.24±403(±) 1.	1.32E+13 ± 3.70E+12(∞) 3.46E+07 ± 5.01E+06(∞) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(∞) 8.38E+02 ± 2.93E±01(∞) 8.38E+02 ± 2.93E±01(∞) 8.38E+06 ± 1.19E±06(∞) 8.38E+06 ± 1.19E±06(∞) 12 α=0.5, β=0.6 Μεσα±Sα1 12 α=0.5, β=0.6 Μεσα±Sα2 0.00E+00 ± 0.00E+00(∞) 0.29E+03 ± 3.87E+03(±) 2.16E+00 ± 3.87E+03(±) 2.16E+01 ± 5.50E±06(±) 1.06E+06 ± 5.50E±06(±) 1.06E+06 ± 5.50E±06(±) 1.06E+06 ± 3.50E±06(±) 1.06E+06 ± 3.50E±06(±) 1.06E+06 ± 3.50E±06(±) 1.50E±06 ± 1.17E±00(±) 2.78E±08 ± 1.17E±00(±) 2.78E±08 ± 1.12E±00(±) 2.78E±08 ± 1.12E±00(±) 2.78E±08 ± 1.12E±00(±) 2.78E±08 ± 1.12E±00(±) 2.06E±07 ± 3.99E±06(±) 1.14E±08 ± 1.13E±07(±) 0.60E±02 ± 1.13E±07(±) 0.60E±02 ± 4.78E±01(±) 0.60E±02 ± 4.78E±01(±) 0.60E±02 ± 4.78E±01(±) 0.60E±00 ± 6.88E±02 ± 4.78E±01(±) 0.60E±00 ± 6.88E±02 ± 4.78E±01(±) 0.60E±01 ± 6.74E±38(∞) 3.13E±08 ± 5.86E±07(±) 2.16E±01 ± 6.74E±38(∞) 3.13E±08 ± 5.86E±07(±) 2.16E±01 ± 6.74E±38(∞) 3.13E±08 ± 5.86E±07(±) 2.16E±01 ± 6.74E±38(∞) 3.13E±08 ± 5.86E±07(±) 3.13E±08 ± 5.86E±	2.00£+13 ± 5.75£+12(+) 7.87£+07 ± 1.52£+08(+) 9.41£+07 ± 2.03£+05(+) 9.41£+07 ± 2.03£+05(+) 9.16£+07 ± 2.03£+05(+) 9.16£+07 ± 2.03£+05(+) 9.16£+02 ± 2.20£±01(+) 6.36£+06 ± 2.20£±01(+) 6.36£+06 ± 2.20£±01(+) 8.90£+06 ± 7.40£±05(≈) 1.20£+08 ± 2.10£±01(+) 8.90£+06 ± 0.90£+00(≈) 8.06£+06 ± 0.00£+00(≈) 8.06£+06 ± 0.12£±01(+) 2.16£+01 ± 5.81£+03(≈) 2.59£±08 ± 5.17£±07(≈) 1.16£+06 ± 1.93£±06(≈) 1.16£+06 ± 1.93£±06(≈) 1.16£±06 ± 1.93£±06(≈) 1.16£±06 ± 1.93£±06(≈) 1.36£±01 ± 3.26£±10(≈) 3.37£±101 ± 2.20£±105(≈) 3.37£±101 ± 2.20£±105(≈) 3.37£±101 ± 2.99£±106(≈) 4.42£±101 ± 2.99£±106(≈) 1.42£±101 ± 2.99£±106(≈) 1.42£±101 ± 2.99£±106(≈) 3.80£±02 ± 3.36£±101(≈) 3.30£±104 ± 2.99£±106(≈) 1.16£±03 ± 2.99£±106(≈) 3.80£±03 ± 2.99£±106(≈) 1.17£±03 ± 8.29£±106(≈) 3.80£±03 ± 3.29£±106(≈) 3.80£±03 ± 3.29£±106(≈) 3.80£±03 ± 3.29£±106(≈) 3.80£±03 ± 3.29£±101(≈) 3.80£±03 ± 3.29£±10
$\begin{array}{c} F_0 \\ F_{10} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{10} \\$	1.37E+13 ± 3.37E+12(∞) 3.37E+07 ± 8.37E+06(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.37E+05(∞) 9.40E+07 ± 1.75E+06(∞) 7.82E+06 ± 1.125E+06(∞) 7.82E+06 ± 1.125E+06(∞) 7.82E+06 ± 1.125E+07(∞) 0.40E+07 ± 1.00E+07(∞) 0.40E+07 ± 0.75E+06(∞) 7.82E+07 ± 0.75E+07(∞) 0.40E+07 ± 0.75E+07(∞) 0.40E+07 ± 1.28E+03(∞) 0.42E+07 ± 1.28E+03(∞) 0.42E+07 ± 2.34E+07(+) 0.34E+07 ± 2.34E+07(+) 0.35E+07 ± 2.34E+0	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+015(∞) 9.41E+07 ± 1.55E+015(∞) 9.41E+07 ± 1.55E+01(+) 9.10E+02 ± 1.32E+01(+) 9.10E+02 ± 1.32E+01(+) 9.10E+02 ± 1.32E+01(+) 9.10E+06 ± 1.12E+016(∞) 1.23E+08 ± 1.12E+016(∞) 1.23E+08 ± 1.12E+016(∞) 1.23E+08 ± 1.50E+07(+) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.05(-) 9.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.51±4.02 ± 1.66±4.00(+) 9.51±4.02 ± 1.66±4.00(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.30±4.03 ± 2.24±4.07(+) 3.40±4.03 ± 2.24±4.07(∞) 3.40±4.03 ± 2.24±4.07(+) 2.25±4.03 ± 3.95±4.05(+) 4.82±4.05 ± 3.07±4.05(+) 4.82±4.05 ± 3.07±4.05(+) 4.82±4.05 ± 3.07±4.05(+) 4.82±4.05 ± 3.07±4.05(+) 4.82±4.05 ± 3.07±4.05(+) 4.82±4.05 ± 3.07±4.05(+) 4.82±4.05 ± 3.07±4.05(+) 4.92±4.13 ± 1.26±4.05(+) 4.92±4.13 ± 1.26±4.05(+) 4.17±4.08 ± 2.83±4.05(+) 4.17±4.08 ± 2.83±4.05(+) 1.13±4.08 ± 3.91±4.07(+) 9.83±4.02 ± 1.06±4.06(+) 1.13±4.08 ± 8.62±4.06(+) 1.14±4.08 ± 8.62±4.06(+)	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05(≈) 9.40E+07 ± 2.50E+05(≈) 9.30E+07 ± 2.50E+05(≈) 9.30E+07 ± 2.50E+05(≈) 9.79E+02 ± 1.15E+00(+) 1.37E+07 ± 2.50E+06(+) 1.37E+07 ± 0.00E+00(≈) 9.50E+07 ± 0.00E+00(≈) 9.50E+07 ± 1.62E+07(+) 1.21E+07 ± 1.12E+06(+) 1.37E+08 ± 3.07E+07(+) 1.37E+08 ± 3.56E+07(+) 1.37E+08 ± 3.56E+07(≈) 2.52E+08 ± 5.56E+07(≈)	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 1.31E+08 ± 5.29E+07(+) 9.96E+02 ± 8.27E+00(+) 5.12E+08 ± 5.29E+07(+) 4.87E+07 ± 2.87E+07(+) 1.13E+08 ± 8.33E+06(+) 0 0.00E+02 ± 8.33E+06(+) 0.00E+00 ± 8.33E+06(+) 0.00E+00 ± 8.36E+07(+) 2.16E+01 ± 5.27E+03(∞) 4.02E+03 ± 3.06E+07(-) 2.16E+01 ± 5.27E+03(∞) 4.02E+03 ± 3.06E+07(-) 3.18E+03 ± 3.27E+06(+) 3.18E+03 ± 3.27E+06(+) 3.11E+04 ± 4.98E+04(-) 1.76E+13 ± 5.28E+12(+) 3.11E+04 ± 4.98E+06(-) 9.59E+06 ± 5.56E+06(+) 9.95E+06 ± 5.56E+06(+) 9.95E+06 ± 5.23E+07(+) 7.06E+06 ± 1.86E+06(+) 5.04E+06 ± 1.86E+06(+) 5.04E+06 ± 1.86E+06(+) 5.04E+06 ± 1.86E+06(+) 5.06E+06 ± 4.34E+06(-) 3.33E+08 ± 4.34E+07(+) 2.16E+01 ± 4.36E+03(∞) 3.33E+08 ± 4.36E+07(+) 2.21E+06 ± 4.36E+03(∞) 3.33E+08 ± 4.36E+07(+) 2.21E+06 ± 4.36E+03(∞) 3.33E+08 ± 4.36E+07(+) 2.21E+06 ± 4.36E+07(+)	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.0E±107(∞) 9.40E+07 ± 2.28E+105(∞) 1.81E+08 ± 5.18E+07(+) 1.00E+03 ± 7.34E+01(+) 1.10E+09 ± 7.33E+08(+) 1.00E+03 ± 7.34E+01(+) 1.10E+08 ± 1.06E±07(+) 1.07E+08 ± 1.06E±07(+) 2.16E+01 ± 4.99E±03(∞) 2.16E+01 ± 4.99E±03(∞) 3.19E±04 ± 2.31E±01(-) 3.69E±04 ± 2.31E±01(-) 3.69E±04 ± 2.31E±01(-) 2.99E±13 ± 7.23E±12(-) 4.64E±07 ± 2.31E±01(-) 2.90E±13 ± 1.32E±01(-) 1.12E±07 ± 1.12E±07(+) 1.12E±07 ± 1.29E±07(+) 1.12E±07 ± 1.29E±07(+) 1.12E±07 ± 1.29E±01(-) 2.64E±07 ± 1.29E±01(-) 2.16E±01 ± 4.20E±03(∞) 5.14E±02 ± 1.97E±01(-) 2.16E±01 ± 4.20E±03(∞) 4.76E±08 ± 7.30E±07(+)	7.07±13 ± 1.12±13(+) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.77±040(∞) 9.36±07 ± 1.78±040(∞) 1.01±03 ± 8.80±000(+) 1.01±03 ± 8.80±000(+) 1.02±03 ± 8.80±000(+) 1.03±04 ± 9.30±06(+) 1.03±04 ± 9.30±06(+) 1.03±04 ± 9.30±06(+) 1.03±04 ± 9.30±06(+) 1.03±04 ± 9.30±06(+) 1.03±04 ± 1.06±03(∞) 8.21±0.9 ± 1.06±03(∞) 8.21±0.9 ± 1.06±03(∞) 1.35±0.9 ± 1.06±03(∞) 1.35±0.9 ± 1.06±03(∞) 1.35±0.9 ± 1.06±03(∞) 1.35±0.9 ± 1.06±03(∞) 1.35±0.9 ± 1.06±03(∞) 1.35±0.9 ± 1.06±03(∞) 1.35±0.9 ± 1.06±03(∞) 1.35±0.9 ± 1.06±03(∞) 1.35±0.9 ± 1.06±03(∞) 1.35±0.9 ± 1.06±03(∞) 1.35±0.9 ± 1.06±03(∞) 1.35±0.9 ± 1.06±03(∞) 1.35±0.9 ± 1.35±0.0(∞) 1.35±0.0 ± 1.35±0.0(∞) 1.35±0.0 ±	1.32E+13 ± 3.70E+12(≈) 3.46E+07 ± 5.01E+06(≈) 9.41E+07 ± 1.23E+05(+) 4.04E+06 ± 1.49E+06(±) 8.88E+02 ± 2.93E+01(≈) 8.88E+02 ± 2.93E+01(≈) 8.88E+02 ± 1.03E+06(≈) 8.33E+06 ± 1.19E+06(≈) 8.33E+06 ± 1.19E+06(≈) 8.33E+06 ± 1.19E+06(≈) 1.2 2.2 2.2 2.2 2.2 2.2 3.32E+06 ± 1.13E+06(+) 2.2 3.32E+06 ± 1.34E+06(+) 3.32E+06 ± 3.83E+06 ± 3.03E+06 ± 3.03E+07 ± 3.0	2.00£+13 ± 5.75£+12(+) 7.87£+07 ± 1.52£+08(-) 9.41£+07 ± 2.03£+05(+) 1.19£+07 ± 2.03£+05(+) 1.19£+07 ± 2.03£+01(+) 9.16£+02 ± 2.20£+01(+) 9.16£+02 ± 2.20£+01(+) 8.50£+06 ± 7.40£+05(≈) 1.20£+08 ± 2.19£±07(+) 8 0.401, 7±0.5 Mean±Sul 0.400, 7±0
$\begin{array}{c} F_0 \\ F_{10} \\ F_{11} \\ F_{12} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{25} \\$	1.37E+13 ± 3.37E+12(∞) 3.73E+07 ± 8.27E+06(∞) 9.40E+07 ± 2.33E+07(∞) 9.40E+08 ± 1.75E±06(∞) 7.82E+08 ± 1.75E±06(∞) 9.40E+08 ± 1.25E±06(∞) 9.40E+09 ± 0.400E+00(∞) 9.40E+09 ± 2.75E±07(∞) 9.40E+09 ± 3.73E±06(∞) 9.40E+09 ± 3.73E±06(∞) 9.40E+09 ± 3.73E±06(∞) 9.40E+09 ± 3.73E±06(∞) 9.40E+07 ± 2.83E±07(∞) 1.25E±07 ± 1.88E±06(∞) 1.21E±08 ± 1.37E±07(∞) 9.40E±07 ± 2.33E±07(∞) 9.40E±07 ± 2.33E±07(∞) 9.40E±07 ± 2.33E±07(∞) 9.40E±07 ± 2.33E±07(∞) 1.35E±07 ± 1.38E±06(∞) 1.21E±08 ± 3.37E±06(∞) 1.21E±09 ± 1.38E±06(∞) 1.21E±09 ± 3.37E±06(∞) 1.23E±07 ± 1.38E±06(∞) 1.24E±07 ± 1.24E±07(∞) 1.24E±07 ± 1.24E±07	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+05(∞) 9.41E+06 ± 1.12E+06(∞) 1.23E+06 ± 1.12E+06(∞) 1.24E+01 ± 2.41E+03(∞) 1.74E+03 ± 2.41E+03(∞) 1.74E+03 ± 2.41E+03(∞) 1.74E+03 ± 2.41E+03(∞) 1.74E+03 ± 3.91E+03(∞) 1.74E+03 ± 2.74E+03(∞) 1.74E+03 ± 2.74E+03(∞	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.05(-) 9.41±407 ± 2.24±4.05(∞) 4.41±407 ± 2.24±4.05(∞) 4.41±407 ± 2.24±4.05(∞) 5.50±6.07 ± 2.08±4.00(+) 5.50±6.07 ± 2.08±4.06(+) 1.31±407 ± 2.08±4.06(+) 1.31±407 ± 2.08±4.06(+) 1.31±407 ± 2.08±4.06(+) 1.31±407 ± 2.08±4.06(+) 1.30±4.08 ± 1.22±4.07(+) 1.30±4.08 ± 1.22±4.07(±) 4.40±4.09 ± 1.77±4.03(∞) 2.16±4.01 ± 2.21±4.03(∞) 2.26±4.03 ± 3.09±4.03(∞) 3.20±4.03 ± 1.17±4.03(±) 4.82±4.05 ± 3.09±4.03(∞) 3.20±4.05 ± 1.12±4.03(∞) 3.20±4.05 ± 1.12±4.03(∞) 3.20±4.05 ± 1.22±4.03(∞) 3.20±4.05 ± 1.31±4.03(∞) 3.20±4.05 ± 1.31±4.03(∞) 3.20±4.05 ± 1.31±4.03(∞) 3.20±4.05 ± 1.31±4.03(∞) 3.20±4.05 ± 1.31±4.03(∞) 3.20±4.05 ± 1.31±4.03(∞) 3.20±4.05 ± 1.20±4.03(∞) 3.20±4	$\begin{array}{c} 4.45E+13\pm7.16E+12(+)\\ 6.32E+07\pm1.28E+08(+)\\ 9.40E+07\pm2.59E+05(8) \\ 9.40E+07\pm2.59E+05(8) \\ 9.40E+07\pm2.59E+05(8) \\ 9.50E+02\pm1.15E+00(+)\\ 9.79E+02\pm1.15E+00(+)\\ 1.37E+07\pm2.59E+06(+)\\ 1.13E+09\pm9.99E+02\pm0.15E+06(+)\\ 1.13E+09\pm9.99E+02\pm0.15E+06(+)\\ 1.13E+09\pm9.99E+02\pm0.15E+06(+)\\ 1.13E+09\pm9.15E+06(+)\\ 1.13E+09\pm9.15E+06(+)\\ 1.13E+09\pm9.15E+06(+)\\ 1.13E+09\pm9.15E+06(+)\\ 1.13E+09\pm9.15E+06(+)\\ 1.16E+09\pm5.75E+03(8)\\ 3.21E+09\pm1.15E+06(+)\\ 4.50E+09\pm5.75E+03(8)\\ 3.21E+09\pm1.15E+06(+)\\ 4.50E+09\pm3.75E+06(+)\\ 1.16E+09\pm3.75E+06(+)\\ 1.12E+09\pm9.15E+06(+)\\ 1.12E+09\pm9.13E+06(+)\\ 1.16E+09\pm9.13E+06(+)\\ 1.16E+09\pm9.13E+06(+)\\ 1.16E+09\pm9.13E+06(+)\\ 1.16E+09\pm9.12E+06(+)\\ 1.16E+09\pm9.12E+06(+)\\ 1.16E+09\pm9.12E+06(+)\\ 1.16E+09\pm9.12E+06(+)\\ 1.16E+09\pm9.12E+06(+)\\ 1.16E+09\pm9.12E+06(+)\\ 1.16E+09\pm9.12E+06(+)\\ 1.16E+09\pm9.12E+06(+)\\ 1.16E+09\pm9.12E+06(+)\\ 1.16E+09\pm9.10E+06(+)\\ 1.16E+0$	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 9.51E+08 ± 5.29E+07(+) 9.51E+08 ± 5.29E+07(+) 4.87E+07 ± 2.87E+07(+) 1.13E+08 ± 8.33E+06(+) 1.13E+08 ± 8.33E+06(+) 1.13E+08 ± 8.33E+06(+) 1.13E+08 ± 8.33E+06(+) 0.40E+09 ± 0.40E+00(∞) 5.40E+02 ± 3.60E+07(-) 2.16E+01 ± 5.27E+03(∞) 4.02E+08 ± 3.60E+07(-) 2.16E+01 ± 5.27E+03(∞) 4.02E+08 ± 5.36E+07(-) 3.48E+06 ± 3.27E+06(+) 1.06E+08 ± 1.36E+03(∞) 3.11E+03 ± 4.98E+00(-) 3.11E+03 ± 4.98E+00(-) 9.40E+07 ± 2.22E+07(+) 9.40E+07 ± 2.22E+07(+) 8.37E+06 ± 8.32E+05(∞) 1.14E+08 ± 2.22E+07(+) 8.37E+06 ± 8.32E+05(∞) 1.14E+08 ± 2.22E+07(+) 8.37E+06 ± 8.32E+05(∞) 1.14E+08 ± 2.22E+07(+) 3.33E+08 ± 4.63E+07(+) 2.16E+01 ± 4.36E+03(∞) 2.33E+08 ± 4.63E+07(+) 2.31E+08 ± 2.33E+06(∞) 2.31E+08 ± 4.63E+07(+) 2.11E+08 ± 2.33E+06(∞) 2.116E+01 ± 4.36E+03(∞) 2.116E+01 ± 4.06E+06(∞) 2.	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.0E±107(∞) 9.40E+07 ± 2.28E±05(∞) 1.81E+08 ± 5.18E±07(+) 1.00E±03 ± 7.14E±01(+) 1.10E±09 ± 7.33E±08(+) 1.10E±09 ± 7.33E±08(+) 1.10E±09 ± 1.06E±07(+) 1.10E±08 ± 1.06E±07(+) 1.10E±08 ± 1.06E±07(+) 1.07E±08 ± 1.06E±07(±) 1.06E±09 ± 1.06E±09 ± 1.08E±06(+) 1.06E±09 ± 1.108E±03(∞) 1.06E±09 ± 1.108E±03(∞) 1.06E±09 ± 1.108E±03(∞) 1.06E±09 ± 1.108E±03(∞) 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9.305±408(∞) 1.175±406 ± 9.305±408(∞) 1.175±406 ± 9.305±408(∞) 1.175±406 ± 9.305±408(∞) 1.175±406 ± 9.305±408(∞) 1.175±406 ± 9.305±408(∞) 1.175±406 ± 9.305±408(∞) 1.175±406 ± 9.305±408(∞) 1.175±406 ± 9.305±408(∞) 1.175±406 ± 9.305±408(∞) 1.175±406 ± 9.305±408(∞) 1.175±406 ± 9.305±408(∞)	$\begin{array}{c} 1.32E+13\pm3.70E+12(28)\\ 3.46E+07\pm2.50E+0669\\ 9.41E+07\pm2.23E+05(+)\\ 4.04E+06\pm1.49E+066\pm1.49E+066\pm1.89E+062\pm1.89$	2.00£+13 ± 5.75£+12(+) 7.87£+07 ± 1.52£+08(+) 9.41£+07 ± 2.03£+05(+) 1.19£+07 ± 2.03£+05(+) 9.16£+07 ± 2.03£+05(+) 9.16£+07 ± 2.03£+01(+) 6.36£+06 ± 2.20£±01(+) 6.36£+06 ± 2.20£±01(+) 8.90£+106 ± 7.40£±05(∞) 1.20£+08 ± 2.19£±07(+) 8.90£+06 ± 0.00£+00(∞) 8.06£+06 ± 0.00£+00(∞) 8.06£+06 ± 0.00£+00(∞) 8.06£+06 ± 0.12£±01(+) 2.16£+01 ± 5.81£+03(∞) 2.59£±08 ± 5.17£±07(∞) 1.16£+06 ± 3.17£±07(∞) 1.16£±06 ± 3.17£±07(∞) 3.36£±06 ± 3.25£±10(∞) 3.37£±104 ± 2.58£±10(∞) 3.37£±104 ± 2.59£±10(∞) 3.37£±104 ± 2.59£±10(∞) 8.98£±102 ± 3.36£±101(∞) 3.37£±104 ± 2.59£±10(∞) 8.98£±105 ± 1.09£±10(∞) 8.98£±105 ± 1.09£±10(∞) 3.30£±106 ± 2.59£±10(∞) 3.30£±105 ± 5.50£±10(∞) 3.30£±105 ± 5.50£±10(∞) 3.30£±105 ± 5.50£±10(∞) 1.30£±105 ± 5.50£±10(∞) 3.30£±105 ± 5.50£±10(∞) 1.30£±105 ± 5.50£±10(∞) 1.30£±105 ± 5.29£±10(∞) 1.30£±105 ± 5.29£±10(∞) 1.21£±105 ± 5.29£±10(∞) 1.21£±105 ± 5.29£±10(∞) 1.21£±105 ± 5.24£±10(∞) 1.11£±105 ± 2.24£±10(∞) 1.11£±106 ± 2.24£±10(∞) 1.11£±106 ± 2.24£±10(∞) 1.11£±106 ± 2.24£±10(∞) 1.11£±106 ± 2.24£±10(∞) 1.11£±106 ± 2.24£±10(∞) 1.11£±106 ± 2.24£±10(∞) 1.11£±106 ± 2.24£±10(∞)
$\begin{array}{c} F_0 \\ F_{10} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{15} \\$	1.37E+13 ± 3.37E+12(∞) 3.37E+07 ± 8.37E+06(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.01E+02 ± 2.79E+01(∞) 3.20E+06 ± 1.75E+06(∞) 7.82E+06 ± 1.15E+06(∞) 7.82E+06 ± 1.15E+06(∞) 7.82E+06 ± 1.25E+06(∞) 7.82E+06 ± 1.25E+06(∞) 0.600E+08 ± 2.32E+06(∞) 0.600E+08 ± 2.32E+06(∞) 1.36E+06 ± 1.25E+06(∞) 1.36E+06 ± 1.15E+06(∞) 1.36E+06 ± 1.37E+07(∞) 1.36E+06 ± 1.37E+07(∞) 1.36E+06 ± 1.37E+07(∞) 1.36E+06 ± 3.27E+06(∞) 1.36E+06 ± 3.27E+06	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.52E+405(∞) 1.44E+07 ± 1.52E+405(∞) 1.44E+07 ± 1.52E+401(+) 7.28E+06 ± 5.66E+06(+) 9.10E+02 ± 1.32E+10(+) 7.28E+06 ± 1.32E+10(∞) 1.23E+08 ± 1.50E+07(+) 2.6 6.0 6.00.4, β=0.7 6.0 0.00.6, β=0.7 6.0 0.00.6, β=0.7 7.44E+01 0.00.6, β=0.7 0.00.6, β	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.05(-) 9.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 5.50±4.07 ± 1.65±4.00(+) 5.50±4.07 ± 2.05±4.05(+) 1.31±4.07 ± 2.05±4.05(+) 1.31±4.07 ± 2.05±4.05(+) 1.31±4.07 ± 2.05±4.05(+) 1.31±4.07 ± 2.05±4.05(+) 1.31±4.07 ± 2.05±4.05(+) 1.31±4.07 ± 2.05±4.05(+) 1.31±4.07 ± 2.05±4.05(+) 1.30±4.07 ± 2.05±4.05(+) 1.31±4.05(± 2.35±4.05(+)	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05(≈) 9.40E+07 ± 2.50E+05(≈) 9.30E+07 ± 2.50E+05(≈) 9.30E+02 ± 1.15E+00(+) 9.79E+02 ± 1.15E+00(+) 1.37E+07 ± 2.95E+05(+) 1.37E+07 ± 2.95E+05(+) 1.37E+07 ± 2.95E+05(+) 1.37E+07 ± 2.95E+05(+) 1.37E+08 ± 9.91E+05(+) 2.6 6.40E, β=6.7 6.60E, β=6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7	5.15E+13 ± 9.08E+12(±) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 1.31E+08 ± 5.29E+07(±) 9.96E+02 ± 8.27E+00(±) 9.51E+08 ± 8.27E+00(±) 4.87E+07 ± 2.87E+07(±) 1.13E+08 ± 8.33E+06(±) 0 0.60E, ± 8.33E+06(±) 0.216E+01 ± 5.27E+33(∞) 4.02E+03 ± 5.36E+01(±) 0.31E+04 ± 4.98E+04(±) 1.76E+13 ± 5.28E+12(±) 3.11E+04 ± 4.98E+04(±) 1.76E+13 ± 8.28E+12(±) 3.11E+04 ± 4.98E+04(±) 1.76E+13 ± 8.28E+12(±) 3.11E+04 ± 4.98E+04(±) 1.76E+13 ± 8.28E+12(±) 3.11E+04 ± 4.98E+04(±) 3.11E+04 ± 4.36E+04(±) 3.28E+06 ± 4.38E+04(±) 3.38E+06 ± 4.38E+07(±) 2.21E+04 ± 4.36E+03(∞) 3.38E+08 ± 4.38E+07(±) 2.21E+04 ± 4.38E+03(∞) 3.39E+04 ± 4.38E+07(±) 2.39E+04 ± 3.39E+04(±) 3.39E+04 ± 3.39E+04(±) 3.30	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.0E±107(∞) 9.40E+07 ± 2.28E±105(∞) 1.81E+08 ± 5.18E±07(+) 1.00E+03 ± 7.34E±08(+) 1.10E+09 ± 7.33E±08(+) 1.00E±03 ± 7.34E±08(+) 1.00E±08 ± 8.48E±07(+) 1.07E±08 ± 1.06E±07(+) 2.16E±01 ± 4.90E±03(∞) 2.16E±01 ± 4.90E±03(∞) 3.19E±04 ± 2.30E±06(+) 1.06E±06 ± 1.03E±03(∞) 3.19E±04 ± 2.50E±06(+) 2.90E±18 ± 1.03E±03(∞) 3.19E±04 ± 2.50E±07(+) 2.46E±07 ± 2.18E±07(+) 2.46E±07 ± 1.12E±07(+) 2.46E±07 ± 1.39E±06(+) 1.12E±07 ± 1.39E±06(+) 1.12E±07 ± 1.39E±06(+) 1.24E±08 ± 1.26E±07(+) 1.24E±08 ± 1.26E±07(+) 1.30E±06 ± 1.39E±06(+) 1.30E±06 ± 1.39E±06(+) 1.30E±06 ± 1.39E±06(+) 1.30E±06 ± 3.37E±07(+) 1.30E±06 ± 3.37E±06(+) 1.50E±06 ± 3.37E±06(+) 1.50E±06 ± 3.37E±06(+) 1.50E±06 ± 6.50E±03(∞)	7.07±13 ± 1.12±13(+) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.77±05(∞) 9.36±07 ± 1.78±05(∞) 9.36±07 ± 1.23±09(+) 1.01±03 ± 8.80±00(+) 2.36±09 ± 1.23±09(+) 1.08±08 ± 8.80±00(+) 2.36±09 ± 9.30±06(+) 1.08±08 ± 9.30±06(+) 1.08±08 ± 9.30±06(+) 0.00±08 ± 1.23±09(∞) 0.00±08 ± 1.06±03(∞) 0.00±08 ± 1.06±03(∞) 2.16±09 ± 1.66±03(∞) 1.35±09 ± 1.66±03(∞) 1.35±09 ± 1.66±03(∞) 1.35±09 ± 1.66±03(∞) 1.35±09 ± 1.06±03(∞) 1.35±09 ± 1.06±03(∞) 0.00±09 ± 2.03±04(+) 3.03±04(+) ± 1.33±04(3(∞) 0.80±09 ± 2.03±04(+) 3.04±13 ± 2.06±40(5(∞) 9.30±11 ± 1.46±03(∞) 9.30±11 ± 1.46±03(∞) 9.40±07 ± 2.31±07(+) 1.06±08 ± 1.37±403(±) 1.19±28 ± 5.06±248(∞) 9.48±07 ± 8.70±07(+) 1.24±09 ± 1.17±406(+) 1.24±09 ± 3.09±407(	1.32E+13 ± 3.70E+12(≈) 3.46E+07 ± 5.01E+06(≈) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(±) 8.98E+02 ± 2.93E+01(≈) 8.98E+02 ± 2.93E+01(≈) 8.98E+02 ± 1.05E+06(≈) 8.33E+06 ± 1.19E+06(≈) 8.36E+06 ± 1.13E+06(+) 1 1 1 α-cd.5, β=6.  Mean±Sid 0.60E±06 ± 1.38T±-004(−) 8.21E+09 ± 5.06E+08(±) 8.21E+01 ± 5.97E±03(≈) 8.21E+01 ± 5.97E±03(≈) 8.21E+02 ± 5.06E+08(±) 8.21E+03 ± 5.06E+08(±) 8.20E±05 ± 7.15E±04(−) 4.36E±05 ± 7.15E±04(−) 4.36E±07 ± 7.15E±04(−) 4.36E±07 ± 7.15E±04(−) 4.36E±07 ± 7.15E±04(−) 4.36E±07 ± 3.00E±00(−) 8.36E±07 ± 3.00E±00(−) 9.00E±06 ± 1.17E±00(−) 8.36E±07 ± 3.00E±00(−) 8.36E±07 ± 3.00E±00(−) 8.36E±07 ± 3.00E±00(−) 8.36E±07 ± 3.00E±00(−) 8.36E±07 ± 4.78E±01(−) 2.78E±08 ± 1.13E±07(+) 9 2 2.16E±01 ± 6.74E±03(∞) 8.36E±02 ± 4.78E±01(−) 2.21E±04 ± 6.74E±03(∞) 8.31E±08 ± 5.86E±07(+) 2.22E±06 ± 6.74E±03(∞) 3.31E±08 ± 5.86E±07(+) 2.22E±06 ± 6.20E±04(−) 3.13E±08 ± 5.86E±07(+) 2.22E±06 ± 6.20E±04(−) 3.16E±06 ± 1.14E±03(∞) 7.76E±01 ± 6.20E±04(−)	2-000E+13 ± 5.75E+10(±) 7.87E+07 ± 1.52E+08(±) 9.41E+07 ± 2.03E+05(±) 9.41E+07 ± 2.03E+05(±) 9.41E+07 ± 2.03E+05(±) 9.41E+07 ± 2.03E+01(±) 9.41E+02 ± 2.20E+01(±) 9.41E+02 ± 2.20E+01(±) 9.41E+02 ± 2.20E+01(±) 9.41E+02 ± 2.40E+05(±) 1.20E+08 ± 2.19E+07(±) 3 3 4 4.41 4.45 4.41 4.45 4.41 4.45 4.41 4.45 4.41 4.41
$\begin{array}{c} F_0 \\ F_{10} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{15} \\ F_{25} \\$	1.37E+13 ± 3.37E+12(∞) 3.73E+407 ± 8.37E+40(± 5) 9.40E+407 ± 2.33E+40(± 5) 9.40E+407 ± 2.33E+40(± 5) 9.40E+407 ± 2.33E+40(± 5) 9.40E+402 ± 2.79E+401(∞) 3.20E+406 ± 1.75E+40(€ ∞) 7.82E+406 ± 1.25E+40(€ ∞) 7.82E+406 ± 1.25E+40(€ ∞) 7.82E+406 ± 1.25E+40(€ ∞) 7.82E+406 ± 3.23E+40(€ ∞) 7.82E+406 ± 3.23E+40(€ ∞) 7.82E+406 ± 3.23E+40(€ ∞) 7.82E+406 ± 3.23E+40(€ ∞) 7.82E+406 ± 3.43E+40(€ ∞) 7.82E+407 ± 1.38E+40(€ ∞) 7.83E+407 ± 2.33E+40(€ ∞) 7.83E+407 ± 2.33E+40(€ ∞) 7.83E+407 ± 2.33E+40(€ ∞) 7.83E+407 ± 2.33E+40(€ ∞) 7.83E+408 ± 2.83E+40(€ ∞) 7.83E+408 ± 3.63E+42(€ ∞) 7.83E+408 ± 3.83E+40	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+05(∞) 9.41E+06 ± 1.12E+40(∞) 1.23E+06 ± 1.23E+06(∞) 0.00E+00 ± 0.00E+00(∞) 1.74E+03 ± 2.41E+0.57 1.74E+03 ± 2.41E+0.57 1.74E+03 ± 3.91E+0.68(∞) 1.74E+03 ± 2.41E+0.57 1.74E+03 ± 3.91E+0.68(∞) 1.74E+03 ± 2.41E+0.69(∞) 1.74E+03 ± 3.91E+0.68(∞) 1.74E+03 ± 3.94E+0.68(∞) 1.74E+03 ± 3.94E+03 ± 3.	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.05(-) 9.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.51±4.02 ± 1.66±4.00(+) 5.50±6.07 ± 2.08±4.07(+) 1.31±4.07 ± 2.08±4.06(+) 1.31±4.07 ± 2.08±4.06(+) 1.31±4.07 ± 2.08±4.06(+) 1.31±4.07 ± 2.08±4.06(+) 1.30±4.09 ± 0.00€4.00(∞) 8.81±4.03 ± 1.22±4.07(±) 4.40±4.01 ± 3.21±4.03(∞) 2.56±4.09 ± 3.09±4.06(+) 1.31±4.03 ± 3.09±4.06(+) 1.30€4.09 ± 1.12±4.03(∞) 2.50±4.09 ± 1.21±4.03(∞) 2.50±4.09 ± 1.31±4.03(∞) 2.50±4.09 ± 1.31±4.03(∞) 2.50±4.09 ± 1.31±4.03(∞) 2.50±4.09 ± 1.31±4.03(∞) 2.50±4.09 ± 1.31±4.03(∞) 2.50±4.09 ± 1.31±4.03(∞) 2.50±4.09 ± 1.30±4.03(∞) 2.50±4.09 ± 1.30±4.03(∞) 3.00±4.09 ± 1.30±4.03(∞)	$\begin{array}{c} 4.45E+13\pm7.16E+12(+)\\ 6.32E+07\pm1.28E+08(+)\\ 9.40E+07\pm2.59E+05(+)\\ 9.90E+07\pm2.59E+05(+)\\ 9.90E+02\pm1.15E+00(+)\\ 9.90E+02\pm1.15E+00(+)\\ 9.90E+02\pm1.15E+00(+)\\ 1.37E+07\pm2.95E+06(+)\\ 1.13E+08\pm9.99E+06(+)\\ 1.13E+08\pm9.99E+06(+)\\ 1.13E+08\pm9.99E+06(+)\\ 1.13E+08\pm9.99E+06(+)\\ 1.13E+08\pm9.99E+06(+)\\ 1.13E+08\pm9.99E+06(+)\\ 1.13E+08\pm9.99E+06(+)\\ 1.13E+09\pm9.99E+06(+)\\ 1.13E+09\pm9.99E+09E+09E+09E+09E+09E+09E+09E+09E+09E+$	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 9.51E+08 ± 3.29E+07(+) 9.51E+08 ± 1.94E+08(+) 4.87E+07 ± 2.87E+07(+) 1.13E+08 ± 8.33E+06(+) 1.13E+08 ± 8.33E+06(+) 1.13E+08 ± 8.33E+06(+) 1.13E+08 ± 8.33E+06(+) 1.13E+08 ± 3.36E+07(-) 2.16E+01 ± 5.27E+03(∞) 4.02E+08 ± 3.06E+07(-) 2.16E+01 ± 5.27E+03(∞) 4.02E+08 ± 3.06E+07(-) 2.16E+01 ± 3.27E+06(+) 1.06E+06 ± 1.36E+03(∞) 3.31E+04 ± 4.98E+04(-) 1.76E+13 ± 1.36E+03(∞) 9.79E+02 ± 2.23E+07(+) 9.79E+02 ± 2.23E+07(+) 9.79E+03 ± 5.56E+05(∞) 9.79E+03 ± 5.56E+05(∞) 1.14E+08 ± 2.22E+07(+) 8.77E+06 ± 8.32E±05(∞) 1.14E+08 ± 2.22E+07(+) 9.79E+03 ± 5.56E+05(∞) 3.33E+03 ± 6.08E+07(-) 3.33E+03 ± 6.08E+07(∞) 3.33E+03 ± 4.03E+07(∞) 3.34E+03 ± 1.07E+03(∞) 3.34E+03 ± 1.07E+03(∞) 3.106E+106 ± 2.23E+10(+)	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.0E±107(∞) 9.40E+07 ± 2.28E±05(∞) 1.81E+08 ± 5.18E±07(+) 1.00E±03 ± 7.14E±01(+) 1.10E±09 ± 7.33E±08(+) 1.10E±09 ± 7.33E±08(+) 1.10E±09 ± 1.06E±07(+) 1.10E±09 ± 1.06E±07(+) 1.10E±09 ± 1.06E±07(+) 1.10E±09 ± 1.06E±07(+) 1.10E±09 ± 1.06E±07(±) 1.10E±09 ± 1.06E±07(±) 1.10E±09 ± 1.06E±07(±) 1.10E±09 ± 1.10SE±07(∞) 1.20E±10 ± 1.10SE±07(∞) 1.20E±10 ± 1.10SE±07(∞) 1.20E±10 ± 1.12E±07(+) 1.11E±07 ± 1.29E±07(+) 1.11E±07 ± 1.29E±	$\begin{array}{c} 7.078+13\pm1.128+13(+)\\ 7.078+13\pm1.128+13(+)\\ 9.3618+07\pm1.128+105(\infty)\\ 9.3618+07\pm1.778+105(\infty)\\ 9.3618+07\pm1.778+105(\infty)\\ 9.3618+07\pm1.778+105(\infty)\\ 9.3618+07\pm1.738+105(\infty)\\ 1.018+03\pm3.8864+000(+)\\ 2.3618+03\pm3.8864+000(+)\\ 3.418+03\pm3.8864+000(+)\\ 4.0188+03\pm3.018+108+108\\ 4.0188+03\pm3.018+108\\ 4.0188+03\pm3.018+108\\ 6.000+00\pm0.000\pm0.0000(\infty)\\ 8.218+02\pm1.0004+000(\infty)\\ 8.218+02\pm1.0004+000(\infty)\\ 8.218+02\pm1.0004+000(\infty)\\ 5.042+03\pm3.0354+00(\infty)\\ 9.542+03\pm3.0354+00(\infty)\\ 9.54$	$\begin{array}{c} 1.32E+13\pm3.70E+12(28)\\ 3.46E+07\pm5.01E+06(8)\\ 9.41E+07\pm2.23E+05(+)\\ 4.04E+06\pm1.49E+06(\pm1.4$	2-00.0E+13 ± 5.75E+10(±) 7.87E+07 ± 1.52E+08(±) 9.41E+07 ± 2.03E+05(±) 9.41E+07 ± 2.03E+05(±) 9.41E+07 ± 2.03E+05(±) 9.41E+07 ± 2.03E+01(±) 9.41E+07 ± 2.03E+01(±) 9.41E+07 ± 2.20E+01(±) 9.41E+07 ± 2.20E+01(±) 9.41E+07 ± 2.40E+05(±) 1.20E+08 ± 2.40E+00(±) 1.20E+08 ± 2.40E+00(±) 1.20E+08 ± 2.10E+01(±) 1.20E+08 ± 0.00E+00(∞) 1.20E+09 ± 0.00E+00(∞) 1.20E+09 ± 0.00E+00(∞) 1.20E+09 ± 0.12E+01(±) 1.20E+08 ± 5.17E+07(∞) 1.40E+08 ± 5.17E+07(∞) 1.40E+08 ± 5.17E+07(∞) 1.40E+08 ± 3.75E+01(∞) 1.30E+08 ± 2.97E+01(∞) 1.30E+08 ± 2.98E+01(∞) 1.30E+08 ± 2.18E+07(∞) 1.30E+08 ± 2.28E+01(∞) 1.30E+08 ± 2.28E+01(∞) 1.40E+08 ± 2.28E+06(∞) 1.41E+08 ± 2.28E+06(∞) 1.41E+08 ± 2.24E+06(∞)
$\begin{array}{c} F_0 \\ F_{10} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{15} \\$	1.37E+13 ± 3.37E+12(∞) 3.37E+07 ± 8.37E+06(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.01E+02 ± 2.79E+01(∞) 3.20E+06 ± 1.75E+06(∞) 7.82E+06 ± 1.75E+06(∞) 7.82E+06 ± 1.25E+06(∞) 7.82E+06 ± 0.92E+06(∞) 7.82E+06 ± 0.92E+06(∞	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.52E+405(∞) 1.44E+07 ± 1.52E+405(∞) 1.44E+07 ± 1.52E+405(∞) 1.44E+07 ± 5.66E+406(+) 9.10E+02 ± 1.32E+401(+) 7.28E+06 ± 5.66E+406(+) 9.10E+02 ± 1.32E+401(+) 7.28E+06 ± 1.12E+406(∞) 1.23E+08 ± 1.50E+07(+) 2 6.60.4, β=0.7 6.60	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.08(-) 9.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.28±4.05(+) 9.51±4.02 ± 1.66±4.00(+) 5.50±4.03 ± 2.08±4.05(+) 1.20±4.08 ± 1.22±4.05(+) 1.20±4.08 ± 1.22±4.05(+) 1.20±4.08 ± 1.22±4.05(+) 1.20±4.08 ± 1.22±4.05(+) 1.20±4.08 ± 1.22±4.05(∞) 3.40±1.22±4.05(∞) 2.16±4.01 ± 2.21±4.03(∞) 2.16±4.01 ± 2.21±4.03(∞) 2.16±4.01 ± 3.09±4.05(+) 1.26±4.03 ± 3.09±4.05(+) 1.26±4.03 ± 3.09±4.05(+) 1.20±4.03 ± 1.20±4.05(+) 1.20±4	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05(≈) 9.40E+07 ± 2.50E+05(≈) 9.30E+07 ± 2.50E+05(≈) 9.30E+02 ± 1.15E+00(+) 9.79E+02 ± 1.15E+00(+) 1.37E+07 ± 2.95E+05(+) 1.37E+07 ± 2.95E+05(+) 1.37E+07 ± 2.95E+05(+) 1.37E+07 ± 2.95E+05(+) 1.37E+08 ± 9.91E+05(+) 2.6 4.0.40E+07 ± 9.91E+05(+) 2.66E+06 ± 1.92E+03(+) 4.90E+07 ± 3.14E+05(+) 1.06E+06 ± 1.92E+03(+) 4.90E+07 ± 3.14E+05(+) 1.37E+08 ± 3.34E+05(+) 1.37E+09 ± 5.34E+05(+) 1.37E+09 ± 5.34	5.15E+13 ± 9.08E+12(±) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 1.31E+08 ± 5.29E+07(±) 9.96E+02 ± 8.27E+00(±) 9.51E+08 ± 8.27E+00(±) 9.51E+08 ± 8.27E+00(±) 4.87E+07 ± 2.87E+07(±) 1.13E+08 ± 8.33E+06(±) 0 0 0.60E, ± 8.33E+06(±) 0 0.60E, ± 8.33E+06(±) 0.76E+015 ± 1.26E+03(∞) 0.81E+015 ± 1.26E+03(∞) 0.81E+01	6.07E+13 ± 1.03E+13(+) 4.14E407 ± 2.0EE407(∞) 9.40E+07 ± 2.28E+05(∞) 9.40E+07 ± 2.28E+05(∞) 1.81E+08 ± 5.18E+07(+) 1.00E+03 ± 7.34E+08(+) 1.00E+03 ± 7.34E+08(+) 1.00E+08 ± 8.48E+07(+) 1.07E+08 ± 1.06E±07(+) 1.10TE+08 ± 1.36E+00(∞) 2.16E+01 ± 4.99E±03(∞) 3.19E+03 ± 2.31E±01(-) 2.0EE+03 ± 1.32E±03(-) 4.0EE+07 ± 2.31E±01(-) 2.0EE+03 ± 1.39E±03(-) 1.11E±07 ± 1.39E±03(-) 1.12E±07(+) 1.24E±08 ± 1.26E±07(+) 1.24E±08 ± 1.26E±07(+) 1.24E±08 ± 1.26E±07(+) 1.301E+06 ± 3.17E±06(-) 1.301E+06 ± 3.201E+06 ± 3.20	7.0712+13 ± 1.124-13(+) 9.3612+07 ± 1.4254-08(∞) 9.3612+07 ± 1.7724-05(∞) 9.3612+07 ± 1.7724-05(∞) 9.3612+07 ± 1.7724-05(∞) 9.3612+07 ± 1.7724-05(∞) 9.3612+07 ± 1.2324-09(+) 1.012+03 ± 8.8062+00(+) 1.0812+03 ± 8.8062+00(+) 1.0812+03 ± 8.8062+00(+) 1.0812+03 ± 9.3062+00(+) 1.0812+03 ± 9.3062+00(+) 1.0812+03 ± 9.3062+00(∞) 8.212+03 ± 1.0612+00(∞) 8.212+03 ± 1.0612+00(∞) 8.212+03 ± 1.0612+00(+) 1.3512+09 ± 1.3612+00(+) 1.3512+09 ± 3.0512+00(+) 1.3512+09 ± 3.0512+00(+) 1.3512+09 ± 3.0512+00(+) 1.3512+09 ± 3.0512+00(+) 1.3512+09 ± 3.0512+00(+) 1.3512+09 ± 3.0512+00(+) 1.3512+00 ± 1.3324+00(+) 1.3512+00 ± 1.3324+00(+) 1.3512+00 ± 1.3324+00(+) 1.3612+00 ± 2.3312+00(+) 1.3612+00 ± 3.0312+00(+) 1.3712+00 ± 3.0312+00(+) 1.3712+00 ± 3.0312+00(+) 1.3712+00 ± 3.0312+00(+) 1.3712+00 ± 3.0312+00(+)	1.32E+13 ± 3.70E+12(∞) 3.46E+07 ± 50E+06(∞) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(∞) 8.88E+02 ± 2.93E+01(∞) 8.88E+02 ± 2.93E+01(∞) 8.88E+02 ± 1.03E+06(∞) 8.33E+06 ± 1.19E+06(∞) 8.33E+06 ± 1.19E+06(∞) 8.33E+06 ± 1.13E+06(+) 2 2 2.65E, 3.66  Mean±36	2-000E+13 ± 5.75E+10(±) 7.87E+07 ± 1.52E+08(±) 9.41E+07 ± 2.03E+05(±) 9.41E+07 ± 2.03E+05(±) 9.41E+07 ± 2.03E+05(±) 9.41E+07 ± 2.03E+05(±) 9.41E+07 ± 2.03E+01(±) 9.41E+02 ± 2.20E+01(±) 9.41E+02 ± 2.20E+01(±) 9.41E+02 ± 2.49E+06(±) 8.90E+06 ± 7.40E+05(±) 8.90E+06 ± 2.19E+07(±) 8.44 4.44 4.45 4.46 4.46 4.46 4.46 4.46 4
$\begin{array}{c} F_0 \\ F_{10} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{15} \\ F_{12} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{15} \\ F_{15} \\ F_{16} \\ F_{17} \\ F_{18} \\ F_{19} \\$	1.37E+13 ± 3.37E+12(∞) 3.73E+07 ± 8.37E+04(∞) 9.00E+07 ± 2.33E+04(∞) 9.00E+07 ± 2.33E+04(∞) 9.00E+02 ± 2.79E+01(∞) 9.00E+02 ± 2.79E+01(∞) 9.00E+02 ± 1.75E+06(∞) 8.49E+106 ± 1.75E+06(∞) 7.82E+06 ± 1.75E+06(∞) 7.82E+06 ± 1.75E+06(∞) 7.82E+06 ± 1.75E+06(∞) 7.82E+06 ± 1.75E+06(∞) 9.00E+00 ± 0.00E+00(∞) 9.00E+00 ± 0.00E+00(∞) 9.00E+00 ± 0.00E+00(∞) 9.10E+00 ± 2.73E+01(∞) 9.10E+00 ± 3.23E+06(∞) 9.10E+00 ± 3.23E+06(∞) 9.10E+00 ± 3.23E+06(∞) 9.25E+00 ± 2.33E+06(∞) 9.25E+00 ± 2.33E+06(∞) 1.21E+00 ± 3.37E+06(∞) 1.21E+00 ± 1.38E+00(∞) 9.35E+00 ± 1.38E+00(∞) 9.36E+00 ± 1.37E+06(∞) 1.36E+00 ± 1.16E+00(∞) 9.34E+00 ± 2.87E+06(∞) 1.36E+00 ± 1.16E+00(∞) 2.38E+01 ± 2.87E+06(∞) 1.38E+01 ± 2.87E+06(∞) 1.38E+01 ± 1.16E+00(∞) 2.38E+01 ± 1.16E+00(∞) 2.38E+01 ± 1.16E+00(∞) 2.38E+01 ± 2.87E+06(∞) 1.38E+01 ± 2.87E+06	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+05(∞) 9.41E+06 ± 1.12E+06(∞) 1.23E+06 ± 1.12E+06(∞) 1.23E+06 ± 1.12E+06(∞) 1.23E+06 ± 1.12E+06(∞) 1.23E+06 ± 1.12E+06(∞) 0.00E+00 ± 0.00E+000(∞) 1.74E+03 ± 2.41E+03(∞) 1.74E+03 ± 3.91E+03(%) 4.77E+06 ± 3.07E+06(∞) 1.74E+03 ± 3.91E+03(%) 1.74E+03 ± 3.81E+03(∞) 1.74E+03 ± 3.81E+03(	3.43E+13 ± 6.79E+12(+) 6.23E+07 ± 1.24E+08(-) 9.41E+07 ± 1.24E+08(-) 9.41E+07 ± 1.24E+08(-) 9.41E+07 ± 1.24E+08(-) 9.41E+07 ± 1.24E+08(-) 9.42E+02 ± 1.66E+00(+) 9.53E+02 ± 1.66E+00(+) 1.31E+07 ± 2.05E+06(+) 1.31E+07 ± 2.05E+06(+) 1.31E+07 ± 2.05E+06(+) 1.31E+07 ± 1.22E+07(+) 1.31E+07 ± 1.22E+07(-) 1.31E+07 ± 1.22E+07(-) 1.31E+07 ± 1.22E+07(-) 1.31E+07 ± 1.22E+07(-) 1.31E+07 ± 1.31E+03(-) 2.30E+09 ± 3.30E+06(+) 1.31E+03 ± 3.30E+06(+) 1.32E+06(+) 1.32	$\begin{array}{c} 4.45E+13\pm7.16E+12(+)\\ 6.32E+07\pm1.28E+08(+)\\ 9.40E+07\pm2.59E+05(+)\approx\\ 9.40E+07\pm2.59E+05(+)\approx\\ 9.40E+07\pm2.59E+00(+)\\ 9.79E+02\pm1.15E+00(+)\\ 9.79E+02\pm1.15E+00(+)\\ 1.37E+07\pm2.59E+06(+)\\ 1.13E+09\pm9.19E+06(+)\\ 1.10E+09\pm9.19E+06(+)\\ 1.10E+09\pm9.19E+06(+)\\ 1.10E+09\pm9.19E+06(+)\\ 1.10E+09\pm9.19E+06(+)\\ 1.12E+09\pm9.19E+06(+)\\ 1.12E+06(+)\\ 1.12E+06(+)\\ 1.12E+06(+)\\ 1.12E+06(+)\\ 1.12E+06(+)\\ 1.12E+06(+)\\ 1$	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+04(∞) 9.40E+07 ± 2.06E+04(∞) 9.40E+07 ± 2.06E+04(∞) 9.40E+02 ± 8.27E+00(+) 9.50E+02 ± 8.27E+00(+) 9.50E+02 ± 8.27E+00(+) 4.87E+07 ± 2.87E+07(+) 1.13E+08 ± 8.34E+06(+) 1.13E+08 ± 8.34E+06(+) 0.60E+100 ± 0.00E+00(∞) 0.60E+100 ± 0.00E+00(∞) 5.40E+02 ± 3.60E+01(-) 2.16E+01 ± 5.27E+03(∞) 4.02E+08 ± 3.60E+01(-) 2.16E+01 ± 5.27E+03(∞) 4.02E+08 ± 3.26E+00(+) 3.48E+06 ± 3.27E+00(+) 3.48E+06 ± 3.27E+00(+) 3.48E+06 ± 3.27E+00(+) 3.11E+04 ± 4.98E+04(-) 3.11E+04 ± 4.98E+0	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.0E±107(∞) 9.40E+07 ± 2.28E±05(∞) 1.81E+08 ± 5.18E±07(+) 1.00E±03 ± 7.14E±01(+) 1.10E±09 ± 7.33E±08(+) 1.0E±09 ± 7.34E±08(+) 1.0E±09 ± 1.06E±07(+) 1.0T±108 ± 1.06E±07(±) 1.0E±09 ± 1.06E±00(∞) 2.16E±01 ± 4.90E±03(∞) 3.19E±04 ± 2.31E±0(+) 1.06E±06 ± 1.03E±03(∞) 3.19E±04 ± 2.30E±06(+) 1.06E±06 ± 1.03E±03(∞) 3.19E±04 ± 2.30E±06(+) 1.06E±06 ± 1.23E±07(+) 9.24E±07 ± 1.23E±07(+) 1.11E±07 ± 1.39E±06(+) 1.24E±07 ± 1.25E±07(+) 1.166E±06 ± 1.165E±03(∞) 1.12E±07 ± 1.165E±03(∞) 1.21E±07 ± 1.20E±07(∞) 1.21E±	7.07E+13 ± 1.12E+13(+) 9.36E+07 ± 1.45E+03(8) 9.36E+07 ± 1.47E+05(8) 9.36E+07 ± 1.77E+05(8) 9.36E+07 ± 1.77E+05(8) 9.36E+07 ± 1.77E+05(8) 9.36E+07 ± 1.23E+09(+) 1.01E+03 ± 8.86E+00(+) 1.01E+03 ± 8.86E+00(+) 1.02E+03 ± 9.00E+06(+) 1.03E+03 ± 9.00E+06(+) 1.03E+03 ± 9.00E+06(+) 1.03E+03 ± 9.00E+06(8) 0.00E+00 ± 0.00E+00(8) 8.21E+02 ± 1.60E+03(-) 1.35E+09 ± 1.60E+03(-) 1.35E+09 ± 3.03E+06(+) 1.35E+09 ± 3.03E+06(+) 1.35E+09 ± 3.03E+06(+) 1.35E+03 ± 3.03E+06(+) 1.42E+07 ± 1.35E+06(+) 1.42E+07 ± 3.93E+07(+) 1.42E+07 ± 3.93E+07(+	$\begin{array}{c} 1.32E+13\pm3.70E+12(28)\\ 3.46E+07\pm5.01E+06(8)\\ 9.41E+07\pm2.23E+05(+)\\ 4.04E+06\pm1.49E+06(\pm1.4$	2.00E+13 ± 5.75E+12(+) 7.87E+07 ± 1.52E+08(-) 9.41E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 9.16E+02 ± 2.20E+01(+) 6.36E+06 ± 2.20E+01(+) 6.36E+06 ± 2.49E+06(+) 8.90E+16 ± 7.40E+05(∞) 1.20E+08 ± 2.19E+07(+) 8 3 4 0=01. β=0.5 Mean±Sid 0.00E+100 ± 0.00E+00(∞) 8.06E+00 ± 0.00E+00(∞) 1.216E+01 ± 5.51E+03(∞) 2.59E+08 ± 5.17E+07(∞) 1.14E+06 ± 1.93E+06(∞) 1.14E+06 ± 1.93E+06(∞) 1.14E+06 ± 1.93E+06(∞) 1.14E+06 ± 1.93E+06(∞) 1.37E+03 ± 2.23E+12(∞) 8.98E+03 ± 3.36E+01(∞) 9.10E+03 ± 8.42E+01(±) 9.10E+03 ± 1.14E+03(∞) 1.16E+04 ± 1.14E+03(∞) 1.17E+13 ± 1.14
$\begin{array}{c} F_0 \\ F_{10} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{15} \\ F_{14} \\ F_{15} \\ \approx \\ FUN \\ F_1 \\ F_2 \\ F_2 \\ F_3 \\ F_5 \\ F_5 \\ F_6 \\ F_7 \\ F_8 \\ F_8 \\ F_9 \\ F_{10} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{15} \\ F_{16} \\ F_{17} \\ F_{17} \\ F_{18} \\ F_{19} \\ F_{1$	1.37E+13 ± 3.37E+12(∞) 3.37E+07 ± 8.37E+06(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.01E+02 ± 2.79E+01(∞) 3.20E+06 ± 1.75E+06(∞) 7.82E+06 ± 1.75E+06(∞) 7.82E+06 ± 1.25E+06(∞) 7.82E+06 ± 0.92E+06(∞) 7.82E+06 ± 0.92E+06(∞	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.52E+405(∞) 1.44E+07 ± 1.52E+405(∞) 1.44E+07 ± 1.52E+405(∞) 1.44E+07 ± 5.66E+406(+) 9.10E+02 ± 1.32E+401(+) 7.28E+06 ± 5.66E+406(+) 9.10E+02 ± 1.32E+401(+) 7.28E+06 ± 1.12E+406(∞) 1.23E+08 ± 1.50E+07(+) 2 6.60.4, β=0.7 6.60	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.08(-) 9.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.28±4.05(+) 9.51±4.02 ± 1.66±4.00(+) 5.50±4.03 ± 2.08±4.05(+) 1.20±4.08 ± 1.22±4.05(+) 1.20±4.08 ± 1.22±4.05(+) 1.20±4.08 ± 1.22±4.05(+) 1.20±4.08 ± 1.22±4.05(+) 1.20±4.08 ± 1.22±4.05(∞) 3.40±1.22±4.05(∞) 2.16±4.01 ± 2.21±4.03(∞) 2.16±4.01 ± 2.21±4.03(∞) 2.16±4.01 ± 3.09±4.05(+) 1.26±4.03 ± 3.09±4.05(+) 1.26±4.03 ± 3.09±4.05(+) 1.20±4.03 ± 1.20±4.05(+) 1.20±4	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05(≈) 9.40E+07 ± 2.50E+05(≈) 9.30E+07 ± 2.50E+05(≈) 9.30E+02 ± 1.15E+00(+) 9.79E+02 ± 1.15E+00(+) 1.37E+07 ± 2.95E+05(+) 1.37E+07 ± 2.95E+05(+) 1.37E+07 ± 2.95E+05(+) 1.37E+07 ± 2.95E+05(+) 1.37E+08 ± 9.91E+05(+) 2.6 4.0.40E+07 ± 9.91E+05(+) 2.66E+06 ± 1.92E+03(+) 4.90E+07 ± 3.14E+05(+) 1.06E+06 ± 1.92E+03(+) 4.90E+07 ± 3.14E+05(+) 1.37E+08 ± 3.34E+05(+) 1.37E+09 ± 5.34E+05(+) 1.37E+09 ± 5.34	5.15E+13 ± 9.08E+12(±) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+05(∞) 9.40E+07 ± 2.06E+05(∞) 1.31E+08 ± 5.29E+07(±) 9.96E+02 ± 8.27E+00(±) 9.51E+08 ± 8.27E+00(±) 9.51E+08 ± 8.27E+00(±) 4.87E+07 ± 2.87E+07(±) 1.31E+08 ± 8.33E+06(±) 0 0 0.60E, ± 8.33E+06(±) 0 0.60E, ± 8.33E+06(±) 0.76E+015 ± 1.26E+03(∞) 0.80E, ± 8.33E+06(±) 0.80E, ± 8.33E+06(±) 0.80E, ± 8.33E+06(±) 0.80E, ± 9.33E+06(±)	6.07E+13 ± 1.03E+13(+) 4.14E407 ± 2.0EE407(∞) 9.40E+07 ± 2.28E+05(∞) 9.40E+07 ± 2.28E+05(∞) 1.81E+08 ± 5.18E+07(+) 1.00E+03 ± 7.34E+08(+) 1.00E+03 ± 7.34E+08(+) 1.00E+08 ± 8.48E+07(+) 1.07E+08 ± 1.06E±07(+) 1.10TE+08 ± 1.36E+00(∞) 2.16E+01 ± 4.99E±03(∞) 3.19E+03 ± 2.31E±01(-) 2.0EE+03 ± 1.32E±03(-) 4.0EE+07 ± 2.31E±01(-) 2.0EE+03 ± 1.39E±03(-) 1.11E±07 ± 1.39E±03(-) 1.12E±07(+) 1.24E±08 ± 1.26E±07(+) 1.24E±08 ± 1.26E±07(+) 1.24E±08 ± 1.26E±07(+) 1.301E+06 ± 3.17E±06(-) 1.301E+06 ± 3.201E+06 ± 3.20	7.0712+13 ± 1.124-13(+) 9.3612+07 ± 1.4254-08(∞) 9.3612+07 ± 1.7724-05(∞) 9.3612+07 ± 1.7724-05(∞) 9.3612+07 ± 1.7724-05(∞) 9.3612+07 ± 1.7724-05(∞) 9.3612+07 ± 1.2324-09(+) 1.012+03 ± 8.8062+00(+) 1.0812+03 ± 8.8062+00(+) 1.0812+03 ± 8.8062+00(+) 1.0812+03 ± 9.3062+00(+) 1.0812+03 ± 9.3062+00(+) 1.0812+03 ± 9.3062+00(∞) 8.212+03 ± 1.0612+00(∞) 8.212+03 ± 1.0612+00(∞) 8.212+03 ± 1.0612+00(+) 1.3512+09 ± 1.3612+00(+) 1.3512+09 ± 3.0512+00(+) 1.3512+09 ± 3.0512+00(+) 1.3512+09 ± 3.0512+00(+) 1.3512+09 ± 3.0512+00(+) 1.3512+09 ± 3.0512+00(+) 1.3512+09 ± 3.0512+00(+) 1.3512+00 ± 1.3324+00(+) 1.3512+00 ± 1.3324+00(+) 1.3512+00 ± 1.3324+00(+) 1.3612+00 ± 2.3312+00(+) 1.3612+00 ± 3.0312+00(+) 1.3712+00 ± 3.0312+00(+) 1.3712+00 ± 3.0312+00(+) 1.3712+00 ± 3.0312+00(+) 1.3712+00 ± 3.0312+00(+)	1.32E+13 ± 3.70E+12(∞) 3.46E+07 ± 50E+06(∞) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(∞) 8.88E+02 ± 2.93E+01(∞) 8.88E+02 ± 2.93E+01(∞) 8.88E+02 ± 1.03E+06(∞) 8.33E+06 ± 1.19E+06(∞) 8.33E+06 ± 1.19E+06(∞) 8.33E+06 ± 1.13E+06(+) 2 2 2.65E, 3.66  Mean±36	$\begin{array}{c} 2.002 \pm 13 \pm 5.75 \pm 1.02 \pm 0 \\ 7.87 \pm 0.75 \pm 1.52 \pm 0.08 \pm 0 \\ 9.41 \pm 0.07 \pm 2.03 \pm 0.05 \pm 0 \\ 9.41 \pm 0.07 \pm 2.03 \pm 0.05 \pm 0 \\ 9.41 \pm 0.07 \pm 2.03 \pm 0.05 \pm 0 \\ 9.41 \pm 0.07 \pm 2.03 \pm 0.05 \pm 0 \\ 9.41 \pm 0.07 \pm 0.07 \pm 0.07 \pm 0 \\ 9.41 \pm 0.07 \pm 0.07 \pm 0.07 \pm 0.07 \pm 0 \\ 8.50 \pm 0.07 \pm 0.07 \pm 0.07 \pm 0.07 \pm 0 \\ 8.50 \pm 0.07 \pm 0.07 \pm 0.07 \pm 0.07 \pm 0 \\ 8.50 \pm 0.07 \pm 0.07 \pm 0.07 \pm 0.07 \pm 0.07 \pm 0.07 \pm 0 \\ 8.50 \pm 0.07 \pm 0$
$\begin{array}{c} F_0 \\ F_{10} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{15} \\ F_{16} \\ F_{17} \\ F_{17} \\ F_{18} \\ F_{19} \\$	1.37E+13 ± 3.37E+12(∞) 3.37E+07 ± 8.37E+06(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.01E+02 ± 2.79E+01(∞) 3.20E+06 ± 1.75E+06(∞) 7.82E+06 ± 1.25E+06(∞) 7.82E+06 ± 1.25E+06(∞	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.52E+405(∞) 1.44E+07 ± 1.52E+405(∞) 1.44E+07 ± 1.52E+405(∞) 1.44E+07 ± 5.66E+406(+) 9.10E+02 ± 1.32E+401(+) 7.28E+06 ± 1.32E+406(∞) 1.23E+06 ± 1.12E+406(∞) 1.23E+06 ± 1.12E+406(∞) 1.23E+06 ± 1.12E+406(∞) 1.23E+06 ± 1.23E+406(∞) 1.23E+06 ± 1.23E+406(∞) 1.23E+06 ± 1.23E+406(∞) 1.23E+06 ± 1.23E+406(∞) 1.23E+07 ± 3.91E+03(∞) 1.06E+06 ± 3.91E+03(∞) 1.06E+06 ± 2.3SE+406(∞) 1.06E+06 ± 3.3SE+007(∞) 1.06E+06	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.08(-) 9.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.50±4.02 ± 1.66±4.00(+) 5.50±4.02 ± 2.98±4.07(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.30±4.08 ± 1.22±4.07(∞) 3.40±4.08 ± 1.22±4.07(∞) 3.50±4.09 ± 2.50±4.08(∞) 3.20±4.09 ± 1.51±4.08(∞) 3.20±4.09 ± 1.51±4.08(∞) 3.20±4.09 ± 1.51±4.08(∞) 3.20±4.09 ± 1.51±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.26±4.08(∞) 3.20±4.09 ± 1.20±4.08(∞)	4.45E+13 ± 7.10E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05(≈) 9.40E+07 ± 2.50E+05(≈) 9.30E+07 ± 2.50E+00(+) 9.79E+02 ± 1.15E+00(+) 1.37E+07 ± 2.50E+06(+) 1.37E+08 ± 9.91E+06(+) 1.37E+08 ± 9.91E+06(+) 1.37E+08 ± 0.00E+07(+) 1.20E+07 ± 0.00E+07(+) 1.20E+07 ± 1.15E+08(+) 1.20E+07 ± 1.15E+08(+) 1.37E+08 ± 1.15E+08(+) 1.37E+08 ± 3.37E+07(+)	5.15E+13 ± 9.08E+12(±) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+045(∞) 1.31E+08 ± 5.29E+07(±) 9.96E+02 ± 8.27E+00(±) 9.13E+08 ± 5.29E+07(±) 1.31E+08 ± 5.29E+07(±) 1.31E+08 ± 8.33E+06(±) 1.32E+08 ± 8.33E+06(±) 2.16E+01 ± 5.27E+23(∞) 2.16E+01 ± 5.27E+23(∞) 2.16E+01 ± 5.27E+23(∞) 2.16E+01 ± 1.26E+03(∞) 3.31E+03 ± 4.98E+06(±) 3.31E+03 ± 3.23E+06(±) 3.31E+03 ± 4.32E+07(±) 3.33E+03 ± 4.33E+07(±) 3.33E+03 ± 4.33E+07(±) 2.21E+04 ± 4.33E+23(±) 3.33E+03 ± 4.33E+07(±) 2.21E+04 ± 4.33E+23(±) 3.33P±03 ± 4.33E+07(±) 2.21E+04 ± 4.33E+23(±) 1.06E+13 ± 3.33E+07(±) 1.06E+13 ± 5.23E+12(±) 4.65E+07 ± 4.33E+23(∞) 1.06E+13 ± 5.23E+12(±) 4.65E+07 ± 3.33E+07(±) 2.21E+04 ± 3.32E+07(±) 2.21E+04 ± 3.33E+07(±) 2.21E+04 ± 3.32E+07(±) 2.21E+04 ± 3.32E+07(±) 2.21E+04 ± 3.32E+07(±) 2.21E+04 ± 3.32E+07(±) 2.33E+04 ± 3.32E+07	6.07E+13 ± 1.03E+13(+) 4.14E407 ± 2.0EE407(*) 9.40E+07 ± 2.28E+05(**) 1.81E+08 ± 5.18E+07(+) 1.00E+03 ± 7.34E+08(+) 1.00E+03 ± 7.34E+08(+) 1.00E+03 ± 7.34E+08(+) 1.00E+08 ± 1.00E±07(+) 1.07E+08 ± 1.00E±07(*) 2.16E+01 ± 4.90E±03(**) 2.16E+01 ± 4.90E±03(**) 2.16E+01 ± 4.90E±03(**) 3.19E+03 ± 2.50E±06(+) 3.19E+03 ± 2.50E±07(+) 3.00E±06 ± 3.24E±06(+) 1.00E±06 ± 1.23E±07(+) 4.64E±07 ± 8.75E±07(+) 4.64E±07 ± 2.18E±07(+) 2.64E±07 ± 1.29E±07(+) 2.64E±07 ± 1.29E±07(+) 2.64E±07 ± 1.29E±07(+) 1.12E±07(± 1.29E±07(+) 1.24E±08 ± 1.26E±07(+) 1.24E±08 ± 1.26E±07(+) 1.30E±06 ± 3.17E±06(0) 5.14E±03 ± 1.29E±07(+) 1.30E±06 ± 3.17E±06(0) 5.14E±03 ± 3.17E±06(0) 1.12E±07(± 4.20E±03(**) 1.16E±07 ± 4.20E±03(**) 1.16E±07 ± 4.20E±03(**) 1.16E±07 ± 4.20E±03(**) 1.16E±07 ± 3.17E±06(0) 1.16E±07 ± 3.17E±06(0) 1.16E±08 ± 7.30E±07(+) 3.01E±06 ± 6.02E±03(**) 1.16E±07 ± 3.17E±06(0) 1.16E±07 ± 3	7.07±13 ± 1.12±13(+) 9.36±07 ± 1.45±048(∞) 9.31±07 ± 1.77±040(∞) 9.36±07 ± 1.77±040(∞) 9.36±07 ± 1.77±040(∞) 9.36±07 ± 1.23±09(+) 1.01±03 ± 8.80±00(+) 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$\begin{array}{c} F_0 \\ F_{10} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{15} \\ + \\ \cdot \\ \approx \\ F_{15} \\ F_{15} \\ + \\ \cdot \\ \approx \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{2} \\ F_{2} \\ F_{3} \\ F_{3} \\ F_{4} \\ F_{2} \\ F_{5} \\ F_{5} \\ F_{6} \\ F_{7} \\ F_{7} \\ F_{8} \\ F_{15} \\ F_{15$	1.37E+13 ± 3.37E+12(≈) 3.37E+07 ± 8.37E+06(≈) 9.40E+07 ± 2.33E+05(≈) 9.40E+07 ± 2.33E+05(≈) 9.40E+07 ± 2.33E+05(≈) 9.40E+07 ± 2.33E+05(≈) 9.40E+02 ± 2.79E+01(∞) 3.30E+06 ± 1.75E+06(∞) 7.82E+06 ± 2.75E+01(∞) 7.82E+07 ± 2.75E+01(∞) 7.83E+07 ± 2.75E+01(∞	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+045(∞) 9.41E+07 ± 1.55E+045(∞) 9.41E+07 ± 1.55E+045(∞) 9.41E+07 ± 1.55E+045(∞) 9.41E+07 ± 1.50E+07(+) 9.10E+02 ± 1.32E+01(+) 9.10E+06 ± 1.12E+016(∞) 1.23E+06 ± 1.12E+016(∞) 1.23E+06 ± 1.12E+016(∞) 1.23E+06 ± 1.12E+016(∞) 1.23E+06 ± 1.23E+017 Mean±Sid 0.00E+06 ± 0.00E+001∞) 1.74E+03 ± 2.41E+032, 1.74E+03 ± 2.41E+032, 1.74E+03 ± 2.41E+032, 1.74E+03 ± 3.07E+05(+) 4.77E+06 ± 3.07E+05(+) 4.77E+06 ± 3.07E+05(+) 4.77E+06 ± 3.07E+06(+) 4.77E+06 ± 3.07E+06(+) 4.77E+06 ± 3.07E+06(+) 4.77E+06 ± 3.07E+06(+) 4.78E+07 ± 4.49E+06(+) 9.78E+02 ± 7.38E+107(+) 1.50E+08 ± 3.13E+01(+) 2.16E+01 ± 5.39E+03(∞) 5.13E+08 ± 6.90E+07(+) 3.20E+06 ± 3.44E+047(-) 1.50E+06 ± 1.44E+043(∞) 3.20E+06 ± 3.44E+047(-) 2.20E+13 ± 3.20E+06(+) 2.20E+07 ± 9.12E+06(+) 1.20E+07 ± 7.52E+06(+)	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.05(-) 9.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.28±4.05(+) 9.53±4.02 ± 1.60±4.00(+) 9.53±4.02 ± 1.60±4.00(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.30±4.07 ± 2.05±4.06(+) 1.30±4.07 ± 2.05±4.06(∞) 8 8.31±4.03 ± 3.05±4.06(∞) 8.81±4.03 ± 3.05±4.06(+) 1.26±4.01 ± 5.21±4.03(∞) 2.56±4.01 ± 5.21±4.03(∞) 2.56±4.01 ± 5.21±4.03(∞) 4.82±4.05 ± 3.05±4.06(+) 1.106±4.04 ± 1.12±4.03(∞) 4.05±4.13 ± 1.12±4.03(∞) 4.05±4.13 ± 1.12±4.03(∞) 4.05±4.13 ± 1.12±4.03(∞) 4.05±4.13 ± 1.10±4.04(+) 1.13±4.08 ± 3.01±4.07(+) 9.83±4.02 ± 1.10±4.04(+) 1.13±4.08 ± 3.01±4.07(+) 9.83±4.02 ± 1.10±4.04(+) 1.13±4.08 ± 0.00±4.00(+) 1.13±4.08 ± 0.00±4.00(+) 1.13±4.03 ± 0.00±4.00(∞) 5.12±4.02 ± 2.60±4.01(+) 2.16±4.04 ± 1.20±4.04(+) 4.16±4.05 ± 3.21±4.06	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+015(≈) 9.40E+07 ± 2.50E+015(≈) 9.30E+07 ± 2.50E+015(≈) 9.30E+07 ± 2.50E+015(≈) 9.79E+02 ± 1.15E+00(+) 9.79E+02 ± 1.15E+00(+) 1.37E+07 ± 2.95E+016(+) 1.37E+07 ± 1.02E+018(+) 9.63E+03 ± 1.02E+018(+) 1.21E+01 ± 5.75E+03(≈) 3.21E+09 ± 1.15E+016(+) 1.06E+06 ± 9.11E+012(≈) 1.37E+03 ± 1.15E+016(+) 1.37E+03 ± 3.37E+07(+) 9.90E+07 ± 3.34E+05(≈) 1.37E+03 ± 3.34E+05(≈) 1.38E+29 ± 3.66E+29(≈) 1.38E+03 ± 2.72E+03(+) 1.38E+29 ± 3.66E+29(≈) 1.38E+03 ± 2.72E+03(+) 1.38E+03 ± 3.33E+12(≈) 3.36E+03 ± 2.72E+03(+) 1.38E+03 ± 3.33E+12(≈) 3.36E+03 ± 2.72E+03(+) 1.38E+03 ± 3.33E+12(≈) 3.36E+03 ± 3.36E+03(≈) 3.36E+	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 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2.25E±+06(+)	6.072E+13 ± 1.03E+13(+) 4.14E+07 ± 2.0EE+07(∞) 9.40E+07 ± 2.28E+05(∞) 1.81E+08 ± 5.18E+07(+) 1.00E+03 ± 7.34E+01(+) 1.10E+09 ± 7.33E+08(+) 1.00E+03 ± 7.34E+01(+) 1.10E+08 ± 3.48E+07(+) 1.07E+08 ± 1.06E+07(+) 1.07E+08 ± 2.31E+01(-) 2.36E+01 ± 4.99E+03(∞) 3.90E+00 ± 2.31E+01(-) 3.69E+00 ± 1.03E+03(∞) 3.19E+04 ± 2.50E+07(+) 3.69E+07 ± 1.13E+07(+) 2.66E+07 ± 1.13E+07(+) 2.66E+07 ± 1.13E+07(+) 2.66E+07 ± 1.13E+07(+) 1.14E+08 ± 2.66E+07(+) 2.66E+07 ± 1.13E+07(+) 1.14E+08 ± 2.66E+07(+) 3.01E+06 ± 3.17E+06(+) 1.14E+02 ± 1.97E+01(-) 2.16E+01 ± 4.20E+03(∞) 4.76E+08 ± 7.30E±07(+) 3.01E+06 ± 1.37E±01(-) 2.13E±13 ± 7.07E±12(+) 1.02E+06 ± 1.03E+01(∞) 1.12E+07 ± 3.07E±06(+) 1.12E+07 ± 3.07E±06(+) 1.12E+07 ± 3.07E±06(+) 1.12E+07 ± 1.03E±06(+) 1.13E±07 ± 1.13E±06(+) 1.13E±07 ± 1.13E±07(+) 1.13E±07 ± 1.13E±07	7.07±13 ± 1.12±13(+) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.77±040(∞) 9.36±07 ± 1.78±040(∞) 1.01±03 ± 8.80±00(+) 1.01±03 ± 8.80±00(+) 1.02±03 ± 8.80±00(+) 1.02±03 ± 1.03±040(±) 1.03±04 ± 1.23±040(±) 1.03±04 ± 9.40±06(±) 1.03±04 ± 9.40±06(±) 1.03±04 ± 9.40±06(±) 1.03±04 ± 9.40±06(±) 1.03±04 ± 9.40±06(±) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.23±040(±) 1.35±09 ± 1.23±040(±) 1.35±09 ± 1.23±040(±) 1.35±09 ± 1.35±	1.32E+13 ± 3.70E+12(∞) 3.46E+07 ± 5.01E+06(∞) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(∞) 8.88E+02 ± 2.93E+01(∞) 8.88E+02 ± 2.93E+01(∞) 8.88E+02 ± 1.53E+06(∞) 8.83E+06 ± 1.19E+06(∞) 5.62E+06 ± 1.19E+06(∞) 5.62E+06 ± 1.13E+06(∞) 12 α=0.5, β=0.6 Mean±Sul 0.00E+06 ± 0.00E+00(∞) 6.29E+03 ± 3.87E+03E+0 5.02E+06 ± 3.00E+06(+) 5.02E+06 ± 3.00E+06(+) 5.02E+07 ± 3.00E+06(+) 4.83E+07 ± 9.08E+07(+) 4.83E+07 ± 9.08E+07(+) 4.83E+07 ± 3.00E+07(+) 4.83E+07 ± 3.83E+07(+) 4.83E+07(± 3.83E+07(+) 4.83E+07(± 3.83E+0	2.0024-13 ± 5.75E+102+) 7.87E+07 ± 1.52E+085-) 9.41E+07 ± 2.03E+05(+) 9.41E+07 ± 2.03E+05(+) 9.41E+07 ± 2.03E+05(+) 9.41E+07 ± 2.03E+05(+) 9.41E+07 ± 2.03E+01(+) 9.41E+02 ± 2.20E+01(+) 9.41E+02 ± 2.20E+01(+) 9.41E+02 ± 2.20E+01(+) 1.20E+08 ± 2.30E+01(+) 1.20E+08 ± 3.20E+01(+) 1.20E+08 ± 3.20E+01(π) 1.20E+08 ± 3.20E+01(π) 1.20E+08 ± 6.12E+01(+) 1.20E+08 ± 5.31E+03(π) 1.40E+08 ± 3.31E+03(π) 1.40E+08 ± 3.40E+03(π) 1.40E+08 ± 3.40E+03
$\begin{array}{c} F_0 \\ F_{10} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{15} \\ + \\ \cdot \\ \approx \\ F_{15} \\ F_{15} \\ + \\ \cdot \\ \approx \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{2} \\ F_{2} \\ F_{3} \\ F_{3} \\ F_{4} \\ F_{2} \\ F_{5} \\ F_{5} \\ F_{6} \\ F_{7} \\ F_{7} \\ F_{8} \\ F_{15} \\ F_{15$	1.37E+13 ± 3.37E+12(∞) 3.37E+07 ± 8.37E+06(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.01E+02 ± 2.79E+01(∞) 3.20E+06 ± 1.75E+06(∞) 7.82E+06 ± 1.75E+06(∞) 7.82E+06 ± 1.25E+06(∞) 7.82E+06 ± 2.25E+06(∞) 7.82E+06 ± 2.25E+06(∞	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.52E+405(∞) 1.44E+07 ± 1.52E+405(∞) 1.44E+07 ± 1.52E+405(∞) 1.44E+07 ± 1.52E+406(∞) 1.23E+06 ± 1.32E+401(+) 7.28E+06 ± 1.32E+406(∞) 1.23E+06 ± 1.12E+406(∞) 1.23E+06 ± 1.12E+406(∞) 1.23E+06 ± 1.12E+406(∞) 1.23E+06 ± 1.12E+406(∞) 1.23E+06 ± 1.23E+406(∞) 1.23E+106 ± 1.23E	3.43±1.3 ± 6.79±1.2(+) 6.23±0.7 ± 1.24±0.6(×) 9.41±0.7 ± 2.24±0.5(∞) 4.41±0.0 ± 1.28±0.0(+) 9.5±0.2 ± 1.66±0.0(+) 9.5±0.2 ± 1.66±0.0(+) 9.5±0.2 ± 1.66±0.0(+) 1.31±0.7 ± 2.05±0.0(+) 1.31±0.7 ± 2.05±0.0(+) 1.31±0.7 ± 2.05±0.0(+) 1.31±0.7 ± 1.22±0.0(+) 1.30±0.5 ± 1.22±0.0(+) 1.30±0.5 ± 1.22±0.0(∞) 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+05(≈) 9.30E+07 ± 2.50E+05(≈) 9.30E+07 ± 2.50E+05(≈) 9.30E+02 ± 1.15E+00(+) 9.79E+02 ± 1.15E+00(+) 1.37E+07 ± 2.95E+06(+) 1.37E+07 ± 2.95E+06(+) 1.37E+07 ± 2.95E+06(+) 1.37E+07 ± 2.95E+06(+) 1.37E+07 ± 9.91E+06(+) 9.02E+07 ± 1.00E+00(≈) 9.03E+07 ± 1.00E+00(≈) 9.03E+07 ± 1.00E+00(≈) 9.03E+07 ± 1.00E+00(≈) 9.03E+07 ± 1.00E+00(≈) 1.37E+07 ± 1.19E+03(+) 1.37E+07 ± 1.19E+03(+) 1.37E+07 ± 1.19E+03(+) 1.37E+07 ± 1.19E+03(+) 1.37E+07 ± 1.18E+03(+) 1.37E+08 ± 3.37E+07(+) 9.99E+07 ± 3.37E+07(+) 1.37E+08 ± 3.37E+07(-) 1.37E+08 ± 3.37E+07(-	5.15E+13 ± 9.08E+12(±) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+045(∞) 1.31E+08 ± 5.29E+07(±) 9.96E+02 ± 8.27E+00(±) 9.13E+08 ± 8.27E+00(±) 9.12E+08 ± 8.27E+00(±) 4.87E+07 ± 2.87E+07(±) 1.13E+08 ± 8.34E+06(±) 2.16E+08 ± 8.34E+06(±) 2.16E+08 ± 8.34E+06(±) 2.16E+08 ± 8.34E+06(±) 3.44E+08 ± 2.24E+01(±) 3.44E+08 ± 2.24E+01(±) 3.44E+08 ± 2.24E+01(±) 3.44E+08 ± 2.23E+01(±) 3.44E+08 ± 3.24E+05(±) 3.45E+08 ± 4.63E+07(±) 2.13E+08 ± 4.63E+07(±) 2.13E+08 ± 4.63E+07(±) 3.45E+08 ± 3.36E+04(±) 3.45E+08 ± 2.25E+08(±) 3.45E+08 ± 2.25E+08(±) 3.45E+08 ± 2.25E+08(±) 3.45E+08 ± 2.25E+08(±) 3.45E+08 ± 2.25E+08	6.072E+13 ± 1.03E+13(+) 4.14E407 ± 2.0EE407(∞) 9.40E407 ± 2.28E±405(∞) 1.81E+408 ± 5.18E±407(+) 1.00E+403 ± 7.34E+408(+) 1.10E+409 ± 7.33E+408(+) 1.10E+408 ± 1.06E±407(+) 1.07E+408 ± 1.00E±407(∞) 1.07E+408 ± 1.00E±407(±) 1.07E+408 ± 1.03E±407(±) 1.07E+408 ± 1.03E±407(±) 1.07E+408 ± 1.03E±407(±) 1.07E+408 ± 1.27E±407(+) 1.12E±407 ± 1.27E±407(+) 1.12E±408 ± 1.26E±407(+) 1.24E±408 ± 1.26E±407(+)	7.07±13 ± 1.12±13(+) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.77±040(∞) 9.36±07 ± 1.78±040(∞) 9.36±07 ± 1.23±09(∞) 1.08±048 ± 8.86±00(∞) 1.08±048 ± 9.40±06(∞) 1.08±048 ± 9.40±06(∞) 1.08±048 ± 9.40±06(∞) 0.40 ± 9.40±06(∞) 0.40 ± 9.40±06(∞) 0.40 ± 9.40±06(∞) 0.21±040 ± 0.51±040(∞) 0.21±040 ± 0.51±040(∞) 0.21±040 ± 0.51±040(∞) 0.21±040 ± 0.51±040(∞) 0.80±04 ± 0.20±06(∞)	1.32E+13 ± 3.70E+12(∞) 3.46E+07 ± 501E+06(∞) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(∞) 8.88E+02 ± 2.93E+01(∞) 8.88E+02 ± 2.93E+01(∞) 8.88E+02 ± 1.49E+06(∞) 8.33E+06 ± 1.19E+06(∞) 8.33E+06 ± 1.19E+06(∞) 1 2 α=0.5, β=0.6 Mean±5xi 0.003+00 ± 0.00E+00(∞) 0.39E+03 ± 3.30E+06(∞) 0.39E+04 ± 3.30E+07(∞) 0.39E+06 ± 1.178E+05(∞) 0.39E+06 ± 1.178E+05(∞) 0.39E+06 ± 1.13E+07(∞) 0.39E+06 ± 1.39E+06(∞) 0.39E+06 ± 0.30E+06(∞) 0.39E+06 ± 0.30E+06(∞) 0.39E+06 ± 1.39E+06(∞) 0.39E+06 ± 3.39E+06(∞) 0.39E+06 ± 3.39E	2.0026+13 ± 5.75E+102(+) 7.87E+07 ± 1.52E+08(+) 9.41E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.19E+07(+) 8.00E+06 ± 7.40E+05(∞) 1.20E+08 ± 2.19E+07(+) 8.00E+06 ± 7.40E+05(∞) 1.20E+08 ± 2.19E+07(+) 8.00E+06 ± 1.09E+00(∞) 8.00E+06 ± 0.00E+00(∞) 8.00E+06 ± 0.00E+00(∞) 8.00E+06 ± 0.00E+00(∞) 8.00E+06 ± 0.00E+00(∞) 8.00E+06 ± 0.0E+00(∞) 8.00E+06 ± 0.0E+00(∞) 1.14E+06 ± 1.03E+00(∞) 1.14E+06 ± 1.03E+00(∞) 1.14E+06 ± 1.03E+00(∞) 8.00E+06 ± 2.23E+12(∞) 1.30E+06 ± 3.23E+10(∞) 8.00E+06 ± 2.30E+10(∞) 8.00E+06 ± 3.30E+01(∞) 8.00E+06 ± 3.30E+01(∞) 1.30E+06 ± 2.23E+10(∞) 1.30E+06 ± 2.23E+10(∞) 1.30E+06 ± 2.23E+10(∞) 1.30E+06 ± 2.23E+10(∞) 1.30E+06 ± 3.30E+01(∞) 1.30E+06 ± 5.30E+05(∞) 1.30E+06 ± 6.50E+00(∞) 1.30E+06 ± 6.50E+00(∞
$\begin{array}{c} F_0 \\ F_{10} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{15} \\ F_{14} \\ F_{15} \\ F_{14} \\ F_{15} \\ F_{14} \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{2} \\ F_{3} \\ F_{4} \\ F_{15} \\ F_{$	1.37E+13 ± 3.37E+12(∞) 3.73E+07 ± 8.27E+06(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+02 ± 2.79E+01(∞) 3.20E+06 ± 1.25E+06(∞) 7.82E+06 ± 1.25E+06(∞) 7.82E+06 ± 1.25E+06(∞) 7.82E+06 ± 1.25E+06(∞) 7.82E+06 ± 1.25E+06(∞) 10 α=0.3, β=0.7 Mean±Sul 0.00E+00 ± 0.00E+00(∞) 5.10E+02 ± 2.75E+01(∞) 2.16E+01 ± 4.74E+03(∞) 3.46E+06 ± 3.23E+06(∞) 3.46E+06 ± 3.23E+06(∞) 3.46E+06 ± 3.23E+06(∞) 3.46E+06 ± 3.23E+06(∞) 3.46E+07 ± 2.87E+07(∞) 3.26E+07 ± 3.27E+07(∞) 3.26E+07 ± 3.27E+07(∞) 3.26E+07 ± 3.27E+07(∞) 3.26E+08 ± 2.27E+07(∞) 3.26E+08 ± 2.27E+0	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+045(∞) 9.41E+07 ± 1.55E+045(∞) 9.41E+07 ± 1.55E+045(∞) 9.41E+07 ± 1.55E+045(∞) 9.41E+07 ± 1.50E+07(+) 9.10E+02 ± 1.32E+01(+) 9.10E+06 ± 1.12E+016(∞) 1.23E+06 ± 1.12E+016(∞) 1.23E+06 ± 1.12E+016(∞) 1.23E+06 ± 1.12E+016(∞) 1.23E+06 ± 1.23E+017 Mean±Sid 0.00E+06 ± 0.00E+001∞) 1.74E+03 ± 2.41E+032, 1.74E+03 ± 2.41E+032, 1.74E+03 ± 2.41E+032, 1.74E+03 ± 3.07E+05(+) 4.77E+06 ± 3.07E+05(+) 4.77E+06 ± 3.07E+05(+) 4.77E+06 ± 3.07E+06(+) 4.77E+06 ± 3.07E+06(+) 4.77E+06 ± 3.07E+06(+) 4.77E+06 ± 3.07E+06(+) 4.78E+07 ± 4.49E+06(+) 9.78E+02 ± 7.38E+107(+) 1.50E+08 ± 3.13E+01(+) 2.16E+01 ± 5.39E+03(∞) 5.13E+08 ± 6.90E+07(+) 3.20E+06 ± 3.44E+047(-) 1.50E+06 ± 1.44E+043(∞) 3.20E+06 ± 3.44E+047(-) 2.20E+13 ± 3.20E+06(+) 2.20E+07 ± 9.12E+06(+) 1.20E+07 ± 7.52E+06(+)	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.05(-) 9.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.28±4.05(+) 9.53±4.02 ± 1.60±4.00(+) 9.53±4.02 ± 1.60±4.00(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.30±4.07 ± 2.05±4.06(+) 1.30±4.07 ± 2.05±4.06(∞) 8 8.31±4.03 ± 3.05±4.06(∞) 8.81±4.03 ± 3.05±4.06(+) 1.26±4.01 ± 5.21±4.03(∞) 2.56±4.01 ± 5.21±4.03(∞) 2.56±4.01 ± 5.21±4.03(∞) 4.82±4.05 ± 3.05±4.06(+) 1.106±4.04 ± 1.12±4.03(∞) 4.05±4.13 ± 1.12±4.03(∞) 4.05±4.13 ± 1.12±4.03(∞) 4.05±4.13 ± 1.12±4.03(∞) 4.05±4.13 ± 1.10±4.04(+) 1.13±4.08 ± 3.01±4.07(+) 9.83±4.02 ± 1.10±4.04(+) 1.13±4.08 ± 3.01±4.07(+) 9.83±4.02 ± 1.10±4.04(+) 1.13±4.08 ± 0.00±4.00(+) 1.13±4.08 ± 0.00±4.00(+) 1.13±4.03 ± 0.00±4.00(∞) 5.12±4.02 ± 2.60±4.01(+) 2.16±4.04 ± 1.20±4.04(+) 4.16±4.05 ± 3.21±4.06	4.45E+13 ± 7.16E+12(+) 6.32E+07 ± 1.28E+08(-) 9.40E+07 ± 2.50E+015(≈) 9.40E+07 ± 2.50E+015(≈) 9.30E+07 ± 2.50E+015(≈) 9.30E+07 ± 2.50E+015(≈) 9.79E+02 ± 1.15E+00(+) 1.37E+07 ± 2.55E+016(+) 1.37E+07 ± 1.02E+018(+) 9.53E+03 ± 1.02E+018(+) 1.21E+01 ± 5.75E+03(≈) 3.21E+09 ± 1.15E+016(+) 1.06E+06 ± 9.11E+012(≈) 1.37E+03 ± 1.37E+016(+) 1.37E+03 ± 3.37E+017(+) 9.59E+02 ± 3.37E+017(+) 1.32E+03 ± 3.37E+017(+) 1.32E+03 ± 3.35E+05(+) 1.37E+03 ± 3.35E+05(+) 1.37E+03 ± 3.35E+016(+) 1.38E+29 ± 3.36E+017(*) 1.38E+29 ± 3.36E+017(*) 1.38E+29 ± 3.36E+017(*) 1.38E+29 ± 3.36E+017(*) 1.38E+29 ± 5.36E+017(*) 1.38E+13 ± 3.33E+17(≈) 3.36E+017(*) 1.38E+13 ± 3.33E+17(≈) 3.36E+017(*) 1.38E+13 ± 3.33E+17(≈) 3.36E+017(*) 1.38E+13 ± 3.38E+17(≈) 3.36E+017(*) 1.38E+13 ± 3.38E+17(≈) 3.36E+017(*) 1.38E+016 ± 1.32E+016(*) 4.35E+016 ± 1.32E+016(*) 4.35E+016 ± 1.32E+016(*) 1.38E+016 ± 1.32E+016(*)	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+045(∞) 9.40E+07 ± 2.06E+045(∞) 1.31E+08 ± 5.29E+07(+) 9.90E+02 ± 8.27E+00(+) 9.50E+02 ± 8.27E+00(+) 9.50E+02 ± 8.27E+00(+) 4.87E+07 ± 2.87E+07(+) 1.13E+08 ± 8.34E+06(+) 1.13E+08 ± 8.34E+06(+) 1.13E+08 ± 8.34E+06(+) 1.13E+08 ± 3.36E+01(-) 2.16E+01 ± 5.27E±03(∞) 4.02E+08 ± 3.06E+01(-) 2.16E+01 ± 5.27E±03(∞) 4.02E+08 ± 3.06E+01(-) 2.16E+01 ± 5.27E±03(∞) 4.02E+08 ± 3.26E+06(+) 3.48E+06 ± 3.27E±+06(+) 3.48E+06 ± 3.27E±+06(+) 3.11E+04 ± 4.98E±+04(-) 1.76E+13 ± 5.28E+12(+) 3.11E+04 ± 4.98E±+04(-) 1.76E+13 ± 5.28E+12(+) 3.11E±04 ± 4.98E±+06(+) 3.90E±+06 ± 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1.23E+07 ± 3.03E+07(+) 1.23E+07(+) 1.23E+07(+) 1.23E+07(+) 1.23E+07(+) 1.23E+07(+) 1.23E+	7.07±13 ± 1.12±13(+) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.45±048(∞) 9.36±07 ± 1.77±040(∞) 9.36±07 ± 1.78±040(∞) 1.01±03 ± 8.80±00(+) 1.01±03 ± 8.80±00(+) 1.02±03 ± 8.80±00(+) 1.02±03 ± 1.03±040(±) 1.03±04 ± 1.23±040(±) 1.03±04 ± 9.40±06(±) 1.03±04 ± 9.40±06(±) 1.03±04 ± 9.40±06(±) 1.03±04 ± 9.40±06(±) 1.03±04 ± 9.40±06(±) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.60±03(∞) 1.35±09 ± 1.23±040(±) 1.35±09 ± 1.23±040(±) 1.35±09 ± 1.23±040(±) 1.35±09 ± 1.35±	1.32E+13 ± 3.70E+12(∞) 3.46E+07 ± 5.01E+06(∞) 9.41E+07 ± 2.23E+05(+) 4.04E+06 ± 1.49E+06(∞) 8.88E+02 ± 2.93E+01(∞) 8.88E+02 ± 2.93E+01(∞) 8.88E+02 ± 1.53E+06(∞) 8.83E+06 ± 1.19E+06(∞) 5.62E+06 ± 1.19E+06(∞) 5.62E+06 ± 1.13E+06(∞) 12 α=0.5, β=0.6 Mean±Sul 0.00E+06 ± 0.00E+00(∞) 6.29E+03 ± 3.87E+03E+0 5.02E+06 ± 3.00E+06(+) 5.02E+06 ± 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$\begin{array}{c} F_0 \\ F_{10} \\ F_{11} \\ F_{12} \\ F_{13} \\ F_{14} \\ F_{15} \\ + \\ \cdot \\ \approx \\ F_{15} \\ F_{15} \\ + \\ \cdot \\ \approx \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{15} \\ F_{2} \\ F_{2} \\ F_{3} \\ F_{3} \\ F_{4} \\ F_{2} \\ F_{5} \\ F_{5} \\ F_{6} \\ F_{7} \\ F_{7} \\ F_{8} \\ F_{15} \\ F_{15$	1.37E+13 ± 3.37E+12(∞) 3.73E+07 ± 8.27E+06(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+07 ± 2.33E+05(∞) 9.40E+02 ± 2.79E+01(∞) 3.20E+06 ± 1.25E+06(∞) 7.82E+06 ± 1.25E+06(∞) 7.82E+06 ± 1.25E+06(∞) 7.82E+06 ± 1.25E+06(∞) 7.82E+06 ± 1.25E+06(∞) 10 α=0.3, β=0.7 Mean±Sul 0.00E+00 ± 0.00E+00(∞) 5.10E+02 ± 2.75E+01(∞) 2.16E+01 ± 4.74E+03(∞) 3.46E+06 ± 3.23E+06(∞) 3.46E+06 ± 3.23E+06(∞) 3.46E+06 ± 3.23E+06(∞) 3.46E+06 ± 3.23E+06(∞) 3.46E+07 ± 2.87E+07(∞) 3.26E+07 ± 3.27E+07(∞) 3.26E+07 ± 3.27E+07(∞) 3.26E+07 ± 3.27E+07(∞) 3.26E+08 ± 2.27E+07(∞) 3.26E+08 ± 2.27E+0	2.12E+13 ± 5.81E+12(+) 4.64E+07 ± 7.69E+07(∞) 9.41E+07 ± 1.55E+045(∞) 9.41E+07 ± 1.55E+045(∞) 9.41E+07 ± 1.55E+045(∞) 9.41E+07 ± 1.55E+045(∞) 9.41E+07 ± 1.50E+07(+) 9.10E+02 ± 1.32E+01(+) 9.10E+06 ± 1.12E+016(∞) 1.23E+06 ± 1.12E+016(∞) 1.23E+06 ± 1.12E+016(∞) 1.23E+06 ± 1.12E+016(∞) 1.23E+06 ± 1.23E+017 Mean±Sid 0.00E+06 ± 0.00E+001∞) 1.74E+03 ± 2.41E+032, 1.74E+03 ± 2.41E+032, 1.74E+03 ± 2.41E+032, 1.74E+03 ± 3.07E+05(+) 4.77E+06 ± 3.07E+05(+) 4.77E+06 ± 3.07E+05(+) 4.77E+06 ± 3.07E+06(+) 4.77E+06 ± 3.07E+06(+) 4.77E+06 ± 3.07E+06(+) 4.77E+06 ± 3.07E+06(+) 4.78E+07 ± 4.49E+06(+) 9.78E+02 ± 7.38E+107(+) 1.10E+08 ± 7.38E+1	3.43±13 ± 6.79±12(+) 6.23±6.07 ± 1.24±6.05(-) 9.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.24±4.05(∞) 4.41±4.07 ± 2.28±4.05(+) 9.53±4.02 ± 1.60±4.00(+) 9.53±4.02 ± 1.60±4.00(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.31±4.07 ± 2.05±4.06(+) 1.30±4.07 ± 2.05±4.06(+) 1.30±4.07 ± 2.05±4.06(∞) 8 8.31±4.03 ± 3.05±4.06(∞) 8.81±4.03 ± 3.05±4.06(+) 1.26±4.01 ± 5.21±4.03(∞) 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1.38E+29 ± 3.36E+017(*) 1.38E+29 ± 5.36E+017(*) 1.38E+13 ± 3.33E+17(≈) 3.36E+017(*) 1.38E+13 ± 3.33E+17(≈) 3.36E+017(*) 1.38E+13 ± 3.33E+17(≈) 3.36E+017(*) 1.38E+13 ± 3.38E+17(≈) 3.36E+017(*) 1.38E+13 ± 3.38E+17(≈) 3.36E+017(*) 1.38E+016 ± 1.32E+016(*) 4.35E+016 ± 1.32E+016(*) 4.35E+016 ± 1.32E+016(*) 1.38E+016 ± 1.32E+016(*)	5.15E+13 ± 9.08E+12(+) 1.31E+08 ± 1.95E+08(∞) 9.40E+07 ± 2.06E+045(∞) 9.40E+07 ± 2.06E+045(∞) 1.31E+08 ± 5.29E+07(+) 9.90E+02 ± 8.27E+00(+) 9.50E+02 ± 8.27E+00(+) 9.50E+02 ± 8.27E+00(+) 4.87E+07 ± 2.87E+07(+) 1.13E+08 ± 8.34E+06(+) 1.13E+08 ± 8.34E+06(+) 1.13E+08 ± 8.34E+06(+) 1.13E+08 ± 3.36E+01(-) 2.16E+01 ± 5.27E±03(∞) 4.02E+08 ± 3.06E+01(-) 2.16E+01 ± 5.27E±03(∞) 4.02E+08 ± 3.06E+01(-) 2.16E+01 ± 5.27E±03(∞) 4.02E+08 ± 3.26E+06(+) 3.48E+06 ± 3.27E±+06(+) 3.48E+06 ± 3.27E±+06(+) 3.11E+04 ± 4.98E±+04(-) 1.76E+13 ± 5.28E+12(+) 3.11E+04 ± 4.98E±+04(-) 1.76E+13 ± 5.28E+12(+) 3.11E±04 ± 4.98E±+06(+) 3.90E±+06 ± 5.56E±+06(+) 9.90E±+06 ± 5.56E±+06(+) 9.90E±+06 ± 5.56E±+06(+) 9.90E±+06 ± 2.23E±+01(-) 1.4E±08 ± 2.22E±+07(+) 1.4E±08 ± 2.22E±07(+) 1.50E±13 ± 3.39E±+01(-) 2.16E±01 ± 4.36E±03(∞) 3.33E±08 ± 4.36E±07(+) 2.21E±406 ± 2.93E±+01(-) 2.16E±01 ± 3.39E±+01(-) 1.06E±13 ± 3.39E±+01(-) 1.06E±13 ± 3.39E±+01(-) 1.06E±13 ± 3.29E±+06(+) 9.24E±06 ± 2.25E±+06(+) 9.24E±+06 ± 2.25E±+06(+)	6.07E+13 ± 1.03E+13(+) 4.14E+07 ± 2.0EE+07(∞) 9.40E+07 ± 2.28E+05(∞) 1.81E+08 ± 5.18E+07(+) 1.00E+03 ± 7.34E+01(+) 1.10E+09 ± 7.33E+08(+) 1.01E+08 ± 7.34E+01(+) 1.11E+09 ± 7.33E+08(+) 1.07E+08 ± 1.06E+07(+) 1.07E+08 ± 2.31E+01(-) 2.36E+01 ± 4.99E+03(∞) 3.09E+06 ± 2.31E+01(-) 3.09E+06 ± 2.31E+01(-) 3.09E+06 ± 2.31E+01(-) 3.09E+07 ± 2.31E+01(-) 2.06E+07 ± 1.12E+07(+) 2.06E+07 ± 1.27E+07(+) 1.12E+07 ± 3.07E+07(+) 1.16E+07 ± 3.07E+07(+) 1.16E+07 ± 3.07E+07(+) 1.06E+06 ± 1.03E+01(∞) 1.06E+06 ± 1.03E+01(∞) 1.12E+07 ± 3.07E+07(+) 1.23E+07 ± 3.03E+07(+) 1.23E+07 ± 3.03E+07(+) 1.23E+07 ± 3.03E+07(+) 1.23E+07(+) 1.23E+07(+) 1.23E+07(+) 1.23E+07(+) 1.23E+07(+) 1.23E+	7.07±13 ± 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4.83E+07 ± 3.83E+07(+) 4.83E+07(± 3.83E+07(+) 4.83E+07(± 3.83E+0	2.00E+13 ± 5.75E+12(+) 7.87E+07 ± 1.52E+08(+) 9.41E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+05(+) 1.19E+07 ± 2.03E+01(+) 6.36E+06 ± 2.20E+01(+) 6.36E+06 ± 2.09E+00(∞) 8. 8. 9. 9.40 ± 9.5 ± 9

 $TABLE \; S.VI \\ Optimization \; Results \; of the \; Ablation \; Experiments \; of the \; RIS \; and \; RIL \; Strategies \; on the \; 1000-D \; IEEE \; CEC2013 \; Test \; Suite \; and \; rich that the substrate of the \; ablation \; CEC2013 \; Test \; Suite \; and \; rich that the substrate of the \; ablation \; CEC2013 \; Test \; Suite \; and \; rich that the substrate of the substrate$ 

	SSLPSO	SSLPSO-w/o-RIL	SSLPSO-w/o-RIS
FUN	Mean±Std	Mean±Std	Mean±Std
$F_1$	$0.00E+00 \pm 0.00E+00$	1.17E-23 ± 1.35E-24(+)	3.07E-22 ± 5.55E-23(+)
$F_2$	$7.46E+02 \pm 5.77E+01$	9.93E+03 ± 8.48E+01(+)	9.53E+02 ± 5.81E+01(+)
$F_3$	2.16E+01 ± 6.72E-03	2.16E+01 ± 5.40E-03(≈)	$2.01\text{E}+01 \pm 7.03\text{E}-02(-)$
$F_4$	$2.54\text{E}+08 \pm 4.67\text{E}+07$	7.46E+09 ± 1.24E+09(+)	4.23E+08 ± 1.25E+08(+)
$F_5$	$4.81E+05 \pm 7.62E+04$	$6.32E+06 \pm 2.26E+06(+)$	$5.45E+05 \pm 1.14E+05(\approx)$
$F_6$	1.06E+06 ± 1.25E+03	$1.06E+06 \pm 1.07E+03(\approx)$	9.99E+05 ± 1.32E+03(-)
$F_7$	$3.01E+05 \pm 3.77E+05$	8.78E+06 ± 2.26E+06(+)	$5.56E+05 \pm 2.91E+05(+)$
$F_8$	$1.27E+13 \pm 2.15E+12$	1.41E+14 ± 1.67E+13(+)	1.68E+13 ± 5.39E+12(+)
$F_9$	$3.63E+07 \pm 5.82E+06$	$1.09E+08 \pm 1.56E+08(+)$	$3.74E+07 \pm 6.21E+06(\approx)$
$F_{10}$	9.40E+07 ± 2.61E+05	$9.40E+07 \pm 2.49E+05(\approx)$	9.06E+07 ± 4.31E+04(-)
$F_{11}$	$4.29E+06 \pm 2.75E+06$	$4.36E+09 \pm 5.07E+09(+)$	$6.22E+06 \pm 2.79E+06(+)$
$F_{12}$	$8.94E+02 \pm 2.47E+01$	1.03E+03 ± 1.18E+00(+)	1.06E+03 ± 5.23E+02(+)
$F_{13}$	$3.49E+06 \pm 3.14E+06$	$3.84E+09 \pm 4.94E+08(+)$	$5.55E+06 \pm 2.67E+06(+)$
$F_{14}$	8.47E+06 ± 1.04E+06	5.68E+09 ± 3.47E+09(+)	1.42E+07 ± 3.73E+06(+)
$F_{15}$	$4.70E+06 \pm 7.81E+05$	1.02E+08 ± 9.19E+06(+)	4.75E+06 ± 4.46E+05(≈)
+(SSLI	PSO is significantly better)	12	9
-(SSLF	PSO is significantly worse)	0	3
	≈	3	3

 $TABLE \; S.VII \\ Optimization \; Results \; on \; the \; 1000-D \; IEEE \; CEC 2013 \; Test \; Suite \; with \; Different \; Update \; Choices \;$ 

FUN	SSLPSO (ASA)	SSLPSO (One)	SSLPSO (Two)
FUN	Mean±Std	Mean±Std	Mean±Std
$F_1$	$0.00E+00 \pm 0.00E+00$	5.39E-29 ± 1.96E-28(≈)	9.34E-02 ± 2.60E-01(+)
$F_2$	$7.46E+02 \pm 5.87E+01$	$6.94E+02 \pm 3.59E+01(-)$	$1.26E+04 \pm 2.99E+02(+)$
$F_3$	$2.16E+01 \pm 6.83E-03$	$2.16\text{E}+01 \pm 7.12\text{E}-03(\approx)$	$2.16\text{E}+01 \pm 5.61\text{E}-03(\approx)$
$F_4$	$2.54E+08 \pm 4.75E+07$	$2.61E+08 \pm 5.99E+07(\approx)$	3.61E+09 ± 5.32E+08(+)
$F_5$	$4.81E+05 \pm 7.62E+04$	$1.35E+06 \pm 2.21E+06(\approx)$	$5.91E+05 \pm 7.34E+04(+)$
$F_6$	$1.06E+06 \pm 1.27E+03$	$1.06E+06 \pm 7.08E+02(+)$	$1.06E+06 \pm 8.41E+02(\approx)$
$F_7$	$3.01E+05 \pm 3.84E+05$	$2.08\text{E}+05 \pm 8.41\text{E}+04(\approx)$	$1.09E+06 \pm 2.31E+05(+)$
$F_8$	$1.27E+13 \pm 2.19E+12$	$1.30E+13 \pm 2.36E+12(\approx)$	$7.34E+13 \pm 1.81E+13(+)$
$F_9$	$3.63E+07 \pm 5.92E+06$	$3.51E+07 \pm 5.75E+06(\approx)$	$3.38\text{E}+07 \pm 7.31\text{E}+06(\approx)$
$F_{10}$	$9.40E+07 \pm 2.66E+05$	$9.40\text{E}+07 \pm 2.08\text{E}+05(\approx)$	$9.40\text{E}+07 \pm 1.80\text{E}+05(\approx)$
$F_{11}$	$4.29E+06 \pm 2.80E+06$	$4.22E+06 \pm 2.19E+06(\approx)$	8.03E+09 ± 1.36E+10(+)
$F_{12}$	$8.94E+02 \pm 2.51E+01$	$9.07E+02 \pm 1.94E+01(+)$	$5.64E+10 \pm 1.42E+10(+)$
$F_{13}$	$3.49E+06 \pm 3.19E+06$	$3.07E+06 \pm 1.63E+06(\approx)$	$2.85E+10 \pm 3.69E+10(+)$
$F_{14}$	$8.47E+06 \pm 1.05E+06$	$8.75E+06 \pm 1.72E+06(\approx)$	$1.94E+09 \pm 3.15E+09(+)$
$F_{15}$	$4.70E+06 \pm 7.95E+05$	$5.51E+06 \pm 1.20E+06(+)$	$1.80E+08 \pm 2.31E+07(+)$
+(SSLI	PSO(ASA) is significantly better)	3	11
-(SSLF	PSO(ASA) is significantly worse)	1	0
	≈	11	4

TABLE S.VIII
RESULTS FOR THE WDN BENCHMARK SUITE

FUN	SSLPSO	TSOL	LLSORL	RCI-PSO	HCLPSO
FUN	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std
S200	$6.54\text{E}+06 \pm 2.20\text{E}+05$	6.83E+06 ± 3.07E+05 (+)	7.11E+06 ± 4.05E+05 (+)	6.76E+06 ± 1.58E+05 (+)	$7.02E+06 \pm 2.74E+05 (+)$
S300	$2.42\text{E}+07 \pm 5.50\text{E}+05$	$2.55E+07 \pm 1.04E+06 (+)$	$2.55E+07 \pm 9.58E+05 (+)$	$2.49E+07 \pm 7.48E+05 (+)$	$2.55E+07 \pm 5.53E+05 (+)$
S400	3.87E+07 ± 5.97E+05	4.13E+07 ± 1.72E+06 (+)	3.95E+07 ± 8.35E+05 (+)	$3.91E+07 \pm 6.25E+05 (+)$	4.10E+07 ± 5.78E+05 (+)
S500	$1.33E+08 \pm 6.02E+06$	8.01E+08 ± 1.34E+09 (+)	1.41E+08 ± 5.57E+06 (+)	$1.42E+08 \pm 9.12E+06 (+)$	1.43E+08 ± 6.07E+06 (+)
S600	$1.67E+08 \pm 5.14E+06$	$2.38E+09 \pm 4.53E+09 (+)$	$4.02E+08 \pm 1.14E+09 (+)$	$2.13E+08 \pm 2.08E+08 (+)$	$3.27E+08 \pm 4.60E+08 (+)$
B200	3.94E+06 ± 1.02E+05	4.07E+06 ± 9.28E+04 (+)	4.21E+06 ± 1.20E+05 (+)	4.19E+06 ± 8.22E+04 (+)	4.34E+06 ± 1.17E+05 (+)
B300	$1.33E+07 \pm 3.66E+05$	$1.41E+07 \pm 6.53E+05 (+)$	$1.36E+07 \pm 4.08E+05 (+)$	$1.37E+07 \pm 2.59E+05 (+)$	$1.42E+07 \pm 3.62E+05 (+)$
B400	2.16E+07 ± 5.02E+05	2.32E+07 ± 8.93E+05 (+)	2.22E+07 ± 5.18E+05 (+)	2.19E+07 ± 3.97E+05 (+)	2.32E+07 ± 5.40E+05 (+)
B500	8.08E+07 ± 3.01E+06	$8.42E+07 \pm 3.72E+06 (+)$	$8.26E+07 \pm 2.72E+06 (+)$	8.01E+07 ± 4.06E+06 (≈)	$8.44E+07 \pm 3.45E+06 (+)$
B600	6.67E+07 ± 8.65E+05	7.12E+07 ± 3.24E+06 (+)	7.19E+07 ± 1.00E+06 (+)	6.78E+07 ± 1.35E+06 (+)	7.26E+07 ± 1.23E+06 (+)
I200	$3.93E+06 \pm 6.82E+04$	4.16E+06 ± 1.73E+05 (+)	4.14E+06 ± 1.48E+05 (+)	$4.17E+06 \pm 5.90E+04 (+)$	4.29E+06 ± 8.74E+04 (+)
I300	$1.32E+07 \pm 3.74E+05$	$1.42E+07 \pm 7.36E+05 (+)$	$1.36E+07 \pm 4.85E+05 (+)$	$1.36E+07 \pm 2.77E+05 (+)$	$1.42E+07 \pm 3.43E+05 (+)$
I400	2.61E+07 ± 1.67E+06	2.78E+07 ± 2.16E+06 (+)	2.67E+07 ± 1.67E+06 (+)	2.62E+07 ± 1.36E+06 (≈)	2.78E+07 ± 1.66E+06 (+)
I500	$7.92E+07 \pm 3.48E+06$	$8.31E+07 \pm 5.84E+06 (+)$	$8.26E+07 \pm 4.01E+06 (+)$	8.10E+07 ± 3.46E+06 (+)	$8.58E+07 \pm 4.60E+06 (+)$
I600	1.18E+08 ± 8.17E+06	1.23E+08 ± 6.71E+06 (+)	1.24E+08 ± 6.15E+06 (+)	1.17E+08 ± 8.39E+06 (≈)	1.23E+08 ± 6.24E+06 (+)
+(SSLF	PSO is significantly better)	15	15	12	15
-(SSLP	SO is significantly worse)	0	0	0	0
	≈	0	0	3	0

	SSLPSO	RCI-PSO	HCLPSO	SDLSO	AGLDPSO	SLPSO-ARS	μDSDE
FUN	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std
$f_1$	2.19E-23 ± 7.87E-24	9.05E-21 ± 6.87E-22 (+)	1.24E-18 ± 2.27E-19 (+)	1.72E-16 ± 2.17E-17 (+)	3.38E-20 ± 1.80E-21 (+)	1.47E-17 ± 8.28E-19 (+)	4.06E+11 ± 3.85E+10 (+)
$f_2$	1.22E+03 ± 4.03E+01	1.83E+03 ± 4.89E+01 (+)	1.52E+03 ± 5.23E+01 (+)	1.05E+03 ± 3.45E+01 (-)	6.13E+03 ± 3.02E+02 (+)	6.92E+03 ± 1.12E+03 (+)	2.49E+04 ± 5.11E+02 (+)
$f_3$	7.90E-14 ± 2.95E-15	5.79E-14 ± 3.49E-15 (-)	1.56E-12 ± 1.75E-13 (+)	2.84E-11 ± 1.46E-12 (+)	4.41E+00 ± 3.72E-01 (+)	1.57E-12 ± 1.47E-14 (+)	2.16E+01 ± 3.20E-02 (+)
$f_4$	1.15E+11 ± 1.72E+10	1.55E+11 ± 1.91E+10 (+)	1.08E+12 ± 1.77E+11 (+)	5.95E+11 ± 6.83E+10 (+)	3.06E+11 ± 7.24E+10 (+)	1.06E+12 ± 1.49E+11 (+)	4.26E+15 ± 1.03E+15 (+)
$f_5$	6.97E+08 ± 9.35E+06	1.86E+07 ± 3.25E+06 (-)	1.39E+07 ± 2.83E+06 (-)	9.72E+06 ± 2.35E+06 (-)	1.44E+08 ± 2.19E+08 (-)	1.55E+07 ± 3.07E+06 (-)	1.12E+09 ± 1.09E+08 (+)
$f_6$	7.76E-09 ± 9.01E-10	7.99E-09 ± 3.02E-14 (+)	2.66E-08 ± 2.66E-09 (+)	2.42E-08 ± 2.36E-09 (+)	3.98E+01 ± 2.27E-02 (+)	6.71E-07 ± 2.38E-08 (+)	2.14E+07 ± 1.38E+05 (+)
$f_7$	1.14E-05 ± 3.62E-05	1.42E+03 ± 4.89E+03 (+)	1.31E+04 ± 4.76E+03 (+)	8.76E+04 ± 1.22E+04 (+)	2.20E+06 ± 4.27E+05 (+)	4.03E+05 ± 7.39E+04 (+)	4.03E+11 ± 1.45E+11 (+)
$f_8$	3.75E+03 ± 1.88E+03	1.92E+04 ± 4.15E+03 (+)	7.21E+07 ± 1.49E+05 (+)	5.53E+07 ± 2.33E+05 (+)	3.75E+05 ± 9.91E+05 (+)	6.50E+07 ± 1.72E+05 (+)	1.47E+17 ± 3.93E+16 (+)
$f_9$	1.70E+07 ± 1.58E+06	2.39E+07 ± 8.82E+05 (+)	1.21E+08 ± 6.93E+06 (+)	8.76E+07 ± 4.21E+06 (+)	6.23E+07 ± 4.62E+06 (+)	1.77E+08 ± 9.50E+06 (+)	4.11E+11 ± 2.85E+10 (+)
$f_{10}$	1.49E+03 ± 5.97E+01	1.83E+03 ± 4.85E+01 (+)	1.54E+03 ± 4.84E+01 (+)	1.72E+04 ± 4.80E+02 (+)	6.59E+03 ± 3.65E+02 (+)	6.67E+03 ± 9.26E+02 (+)	2.51E+04 ± 4.72E+02 (+)
$f_{11}$	2.76E-13 ± 5.83E-15	4.71E-13 ± 1.62E-14 (+)	4.13E-11 ± 7.74E-12 (+)	3.92E-10 ± 3.80E-11 (+)	5.77E+01 ± 1.30E+01 (+)	1.48E-11 ± 3.48E-13 (+)	2.37E+02 ± 2.70E-01 (+)
$f_{12}$	2.09E+03 ± 2.81E+02	2.43E+03 ± 1.89E+02 (-)	1.60E+05 ± 5.77E+03 (+)	2.94E+05 ± 1.36E+04 (+)	1.15E+04 ± 1.05E+03 (+)	2.55E+05 ± 8.36E+03 (+)	3.96E+07 ± 9.98E+06 (+)
$f_{13}$	4.42E+02 ± 8.76E+01	7.65E+02 ± 8.88E+01 (+)	1.19E+03 ± 1.80E+02 (+)	1.05E+03 ± 1.28E+02 (+)	1.39E+03 ± 1.90E+02 (+)	1.25E+03 ± 3.49E+02 (+)	4.26E+12 ± 3.40E+11 (+)
$f_{14}$	5.52E+07 ± 2.27E+06	7.09E+07 ± 2.41E+06 (+)	3.62E+08 ± 1.83E+07 (+)	2.97E+08 ± 9.94E+06 (+)	1.72E+08 ± 8.88E+06 (+)	9.22E+08 ± 4.00E+07 (+)	4.82E+11 ± 4.43E+10 (+)
$f_{15}$	2.12E+04 ± 1.04E+02	1.83E+03 ± 6.02E+01 (-)	1.69E+03 ± 6.14E+01 (-)	2.16E+04 ± 4.67E+02 (+)	7.13E+03 ± 3.05E+02 (-)	6.54E+03 ± 9.45E+02 (-)	2.52E+04 ± 4.87E+02 (+)
$f_{16}$	4.75E-13 ± 4.41E-15	9.48E-02 ± 3.55E-01 (+)	1.03E+00 ± 1.31E+00 (+)	3.42E-02 ± 1.84E-01 (+)	1.93E+02 ± 3.69E+01 (+)	2.51E-11 ± 5.10E-13 (+)	4.31E+02 ± 3.97E-01 (+)
$f_{17}$	7.47E+04 ± 1.17E+04	5.31E+04 ± 2.35E+03 (-)	8.80E+05 ± 3.06E+04 (+)	2.16E+06 ± 1.13E+05 (+)	1.17E+05 ± 6.88E+03 (+)	1.04E+06 ± 3.77E+04 (+)	9.24E+07 ± 2.53E+07 (+)
$f_{18}$	1.42E+03 ± 1.73E+02	2.11E+03 ± 2.43E+02 (+)	4.16E+03 ± 9.63E+02 (+)	2.74E+03 ± 5.40E+02 (+)	3.81E+03 ± 4.92E+02 (+)	3.38E+03 ± 1.02E+03 (+)	8.69E+12 ± 5.44E+11 (+)
$f_{19}$	5.19E+07 ± 2.61E+06	4.25E+06 ± 1.56E+05 (-)	1.21E+07 ± 6.89E+05 (-)	1.42E+08 ± 1.37E+08 (+)	3.27E+06 ± 1.33E+05 (-)	5.66E+06 ± 3.85E+05 (-)	1.32E+08 ± 3.26E+07 (+)
$f_{20}$	1.79E+03 ± 5.02E+01	2.00E+03 ± 8.04E+01 (+)	2.94E+03 ± 2.48E+02 (+)	2.06E+03 ± 9.34E+01 (+)	3.49E+03 ± 2.15E+02 (+)	2.04E+03 ± 1.77E+02 (+)	8.98E+12 ± 4.22E+11 (+)
	PSO is significantly better)	14	17	18	17	17	20
	PSO is significantly worse)	6	3	2	3	3	0
,	≈ *	0	0	0	0	0	0
	SSLPSO	TPLSO	DLLSO	SPLSO	CCPSO2	DDG	EADG
FUN	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std	Mean±Std
$f_1$	2.19E-23 ± 7.87E-24	3.16E-17 ± 9.82E-18 (+)	1.66E-20 ± 7.10E-22 (+)	5.42E-08 ± 1.27E-08 (+)	3.54E+04 ± 2.71E+03 (+)	4.26E+07 ± 3.38E+07 (+)	5.77E+07 ± 6.54E+07 (+)
$f_2$	1.22E+03 ± 4.03E+01	2.30E+03 ± 2.08E+02 (+)	1.40E+03 ± 4.29E+01 (+)	1.01E+04 ± 1.39E+03 (+)	5.10E-02 ± 1.43E-02 (-)	1.26E+04 ± 5.50E+02 (+)	1.28E+04 ± 7.40E+02 (+)
$f_3$	7.90E-14 ± 2.95E-15		5 00E 14   1 00E 15 ()	3.94E-07 ± 5.82E-08 (+)	2.94E+01 ± 1.24E+01 (+)	2.68E+01 ± 6.39E-01 (+)	
$f_4$		3.20E+00 ± 2.62E-01 (+)	5.83E-14 ± 1.32E-15 (-)	3.54E-07 ± 3.02E-00 (1)	2.94E+01 ± 1.24E+01 (+)	2.08E+01 ± 0.39E-01 (+)	2.10E+01 ± 1.52E+00 (+)
	1.15E+11 ± 1.72E+10	$3.20E+00 \pm 2.62E-01 (+)$ $8.06E+11 \pm 1.79E+11 (+)$	5.83E-14 ± 1.32E-15 (-) 1.42E+12 ± 2.55E+11 (+)	1.40E+12 ± 1.77E+11 (+)	1.96E+13 ± 1.20E+13 (+)	1.56E+12 ± 3.45E+11 (+)	$2.10E+01 \pm 1.52E+00 (+)$ $4.80E+10 \pm 2.99E+10 (-)$
$f_5$	6.97E+08 ± 9.35E+06	8.06E+11 ± 1.79E+11 (+) 5.00E+07 ± 1.17E+08 (-)	1.42E+12 ± 2.55E+11 (+) 1.44E+07 ± 3.56E+06 (-)	1.40E+12 ± 1.77E+11 (+) 6.96E+08 ± 1.35E+07 (≈)	1.96E+13 ± 1.20E+13 (+) 1.05E+09 ± 1.68E+08 (+)	1.56E+12 ± 3.45E+11 (+) 1.82E+08 ± 3.05E+07 (-)	<b>4.80E+10</b> ± <b>2.99E+10</b> (-) 1.32E+08 ± 1.64E+07 (-)
$f_6$	6.97E+08 ± 9.35E+06 7.76E-09 ± 9.01E-10	8.06E+11 ± 1.79E+11 (+) 5.00E+07 ± 1.17E+08 (-) 3.52E+00 ± 9.77E-01 (+)	1.42E+12 ± 2.55E+11 (+) 1.44E+07 ± 3.56E+06 (-) 8.30E-09 ± 7.95E-11 (+)	$1.40\text{E}+12 \pm 1.77\text{E}+11 \text{ (+)}$ $6.96\text{E}+08 \pm 1.35\text{E}+07 \text{ ($\approx$)}$ $1.62\text{E}-06 \pm 1.74\text{E}-07 \text{ (+)}$	1.96E+13 ± 1.20E+13 (+) 1.05E+09 ± 1.68E+08 (+) 3.91E+07 ± 2.56E+06 (+)	1.56E+12 ± 3.45E+11 (+) 1.82E+08 ± 3.05E+07 (-) 2.38E+06 ± 1.09E+06 (+)	4.80E+10 ± 2.99E+10 (-) 1.32E+08 ± 1.64E+07 (-) 5.86E+04 ± 2.19E+05 (+)
$f_6$ $f_7$	6.97E+08 ± 9.35E+06 7.76E-09 ± 9.01E-10 1.14E-05 ± 3.62E-05	8.06E+11 ± 1.79E+11 (+) 5.00E+07 ± 1.17E+08 (-) 3.52E+00 ± 9.77E-01 (+) 1.48E+05 ± 6.95E+04 (+)	1.42E+12 ± 2.55E+11 (+) 1.44E+07 ± 3.56E+06 (-) 8.30E-09 ± 7.95E-11 (+) 8.51E+04 ± 2.34E+04 (+)	$1.40\text{E}+12 \pm 1.77\text{E}+11 \text{ (+)}$ $6.96\text{E}+08 \pm 1.35\text{E}+07 \text{ ($\approx$)}$ $1.62\text{E}-06 \pm 1.74\text{E}-07 \text{ (+)}$ $8.01\text{E}+05 \pm 1.08\text{E}+05 \text{ (+)}$	1.96E+13 ± 1.20E+13 (+) 1.05E+09 ± 1.68E+08 (+) 3.91E+07 ± 2.56E+06 (+) 7.75E+09 ± 7.88E+09 (+)	1.56E+12 ± 3.45E+11 (+) 1.82E+08 ± 3.05E+07 (-) 2.38E+06 ± 1.09E+06 (+) 5.62E+06 ± 6.18E+05 (+)	4.80E+10 ± 2.99E+10 (-) 1.32E+08 ± 1.64E+07 (-) 5.86E+04 ± 2.19E+05 (+) 2.01E+05 ± 3.58E+04 (+)
$f_6$ $f_7$ $f_8$	6.97E+08 ± 9.35E+06 7.76E-09 ± 9.01E-10 1.14E-05 ± 3.62E-05 3.75E+03 ± 1.88E+03	8.06E+11 ± 1.79E+11 (+) 5.00E+07 ± 1.17E+08 (-) 3.52E+00 ± 9.77E-01 (+) 1.48E+05 ± 6.95E+04 (+) 5.31E+07 ± 1.35E+07 (+)	1.42E+12 ± 2.55E+11 (+) 1.44E+07 ± 3.56E+06 (-) 8.30E-09 ± 7.95E-11 (+) 8.51E+04 ± 2.34E+04 (+) 6.99E+07 ± 1.20E+05 (+)	1.40E+12 ± 1.77E+11 (+) 6.96E+08 ± 1.35E+07 (≈) 1.62E-06 ± 1.74E-07 (+) 8.01E+05 ± 1.08E+05 (+) 7.97E+07 ± 9.26E+04 (+)	1.96E+13 ± 1.20E+13 (+) 1.05E+09 ± 1.68E+08 (+) 3.91E+07 ± 2.56E+06 (+) 7.75E+09 ± 7.88E+09 (+) 4.82E+08 ± 4.92E+08 (+)	1.56E+12 ± 3.45E+11 (+) 1.82E+08 ± 3.05E+07 (-) 2.38E+06 ± 1.09E+06 (+) 5.62E+06 ± 6.18E+05 (+) 1.63E+08 ± 5.36E+07 (+)	4.80E+10 ± 2.99E+10 (-) 1.32E+08 ± 1.64E+07 (-) 5.86E+04 ± 2.19E+05 (+) 2.01E+05 ± 3.58E+04 (+) 3.00E+06 ± 2.35E+06 (+)
$f_6$ $f_7$ $f_8$ $f_9$	6.97E+08 ± 9.35E+06 7.76E-09 ± 9.01E-10 1.14E-05 ± 3.62E-05 3.75E+03 ± 1.88E+03 1.70E+07 ± 1.58E+06	$\begin{array}{l} 8.06\text{E}{+}11 \pm 1.79\text{E}{+}11 \ (+) \\ 5.00\text{E}{+}07 \pm 1.17\text{E}{+}08 \ (-) \\ 3.52\text{E}{+}00 \pm 9.77\text{E}{-}01 \ (+) \\ 1.48\text{E}{+}05 \pm 6.95\text{E}{+}04 \ (+) \\ 5.31\text{E}{+}07 \pm 1.35\text{E}{+}07 \ (+) \\ 1.07\text{E}{+}08 \pm 7.92\text{E}{+}06 \ (+) \end{array}$	1.42E+12 ± 2.55E+11 (+) 1.44E+07 ± 3.56E+06 (-) 8.30E-09 ± 7.95E-11 (+) 8.51E+04 ± 2.34E+04 (+) 6.99E+07 ± 1.20E+05 (+) 1.03E+08 ± 4.85E+06 (+)	$\begin{array}{c} 1.40\text{E}+12 \pm 1.77\text{E}+11 \ (+) \\ 6.96\text{E}+08 \pm 1.35\text{E}+07 \ (\approx) \\ 1.62\text{E}-06 \pm 1.74\text{E}-07 \ (\approx) \\ 8.01\text{E}+05 \pm 1.08\text{E}+05 \ (+) \\ 7.97\text{E}+07 \pm 9.26\text{E}+04 \ (+) \\ 2.09\text{E}+08 \pm 1.21\text{E}+07 \ (+) \end{array}$	1.96E+13 ± 1.20E+13 (+) 1.05E+09 ± 1.68E+08 (+) 3.91E+07 ± 2.56E+06 (+) 7.75E+09 ± 7.88E+09 (+) 4.82E+08 ± 4.92E+08 (+) 6.46E+08 ± 2.65E+08 (+)	1.56E+12 ± 3.45E+11 (+) 1.82E+08 ± 3.05E+07 (-) 2.38E+06 ± 1.09E+06 (+) 5.62E+06 ± 6.18E+05 (+) 1.63E+08 ± 5.36E+07 (+) 5.28E+08 ± 1.48E+08 (+)	4.80E+10 ± 2.99E+10 (-) 1.32E+08 ± 1.64E+07 (-) 5.86E+04 ± 2.19E+05 (+) 2.01E+05 ± 3.58E+04 (+) 3.00E+06 ± 2.35E+06 (+) 3.62E+08 ± 9.57E+07 (+)
$f_6$ $f_7$ $f_8$ $f_9$ $f_{10}$	6.97E+08 ± 9.35E+06 7.76E-09 ± 9.01E-10 1.14E-05 ± 3.62E-05 3.75E+03 ± 1.88E+03 1.70E+07 ± 1.58E+06 1.49E+03 ± 5.97E+01	8.06E+11 ± 1.79E+11 (+) 5.00E+07 ± 1.17E+08 (-) 3.52E+00 ± 9.77E+01 (+) 1.48E+05 ± 6.95E+04 (+) 5.31E+07 ± 1.35E+07 (+) 1.07E+08 ± 7.92E+06 (+) 1.17E+04 ± 7.56E+03 (+)	1.42E+12 ± 2.55E+11 (+) 1.44E+07 ± 3.56E+06 (-) 8.30E-09 ± 7.95E-11 (+) 8.51E+04 ± 2.34E+04 (+) 6.99E+07 ± 1.20E+05 (+) 1.03E+08 ± 4.85E+06 (+) 1.17E+03 ± 2.44E+01 (-)	$\begin{array}{c} 1.40\text{E}{+}12 \pm 1.77\text{E}{+}11 \ (+) \\ 6.96\text{E}{+}08 \pm 1.35\text{E}{+}07 \ (\approx) \\ 1.62\text{E}{-}06 \pm 1.74\text{E}{-}07 \ (+) \\ 8.01\text{E}{+}05 \pm 1.08\text{E}{+}05 \ (+) \\ 7.97\text{E}{+}07 \pm 9.26\text{E}{+}04 \ (+) \\ 2.09\text{E}{+}08 \pm 1.21\text{E}{+}07 \ (+) \\ 2.00\text{E}{+}04 \pm 1.81\text{E}{+}02 \ (+) \end{array}$	1.96E+13 ± 1.20E+13 (+) 1.05E+09 ± 1.68E+08 (+) 3.91E+07 ± 2.56E+06 (+) 7.75E+09 ± 7.88E+09 (+) 4.82E+08 ± 4.92E+08 (+) 6.46E+08 ± 2.65E+08 (+) 1.13E+04 ± 1.70E+03 (+)	1.56E+12 ± 3.45E+11 (+) 1.82E+08 ± 3.05E+07 (-) 2.38E+06 ± 1.09E+06 (+) 5.62E+06 ± 6.18E+05 (+) 1.63E+08 ± 5.36E+07 (+) 5.28E+08 ± 1.48E+08 (+) 1.95E+04 ± 2.62E+03 (+)	4.80E+10 ± 2.99E+10 (·) 1.32E+08 ± 1.64E+07 (·) 5.86E+04 ± 2.19E+05 (+) 2.01E+05 ± 3.58E+04 (+) 3.00E+06 ± 2.35E+06 (+) 3.62E+08 ± 9.57E+07 (+) 7.93E+03 ± 2.81E+02 (+)
$f_6$ $f_7$ $f_8$ $f_9$ $f_{10}$ $f_{11}$	6.97E+08 ± 9.35E+06 7.76E-09 ± 9.01E-10 1.14E-05 ± 3.62E-05 3.75E+03 ± 1.88E+03 1.70E+07 ± 1.58E+06 1.49E+03 ± 5.97E+01 2.76E-13 ± 5.83E-15	8.06E+11 ± 1.79E+11 (+) 5.00E+07 ± 1.17E+08 (-) 3.52E+00 ± 9.77E+01 (+) 1.48E+05 ± 6.95E+04 (+) 5.31E+07 ± 1.35E+07 (+) 1.07E+08 ± 7.92E+06 (+) 1.17E+04 ± 7.56E+03 (+) 6.56E+00 ± 1.97E+00 (+)	1.42E+12 ± 2.55E+11 (+) 1.44E+07 ± 3.56E+06 (-) 8.30E-09 ± 7.95E-11 (+) 8.51E+04 ± 2.34E+04 (+) 6.99E+07 ± 1.20E+05 (+) 1.03E+08 ± 4.85E+06 (+) 1.17E+03 ± 2.44E+01 (+) 5.60E-13 ± 1.97E-14 (+)	$\begin{array}{c} 1.40\text{E}+12 \pm 1.77\text{E}+11 \ (+) \\ 6.96\text{E}+08 \pm 1.35\text{E}+07 \ (\approx) \\ 1.62\text{E}-06 \pm 1.74\text{E}-07 \ (+) \\ 8.01\text{E}+05 \pm 1.08\text{E}+05 \ (+) \\ 7.97\text{E}+07 \pm 9.26\text{E}+04 \ (+) \\ 2.09\text{E}+08 \pm 1.21\text{E}+07 \ (+) \\ 2.00\text{E}+04 \pm 1.81\text{E}+02 \ (+) \\ 5.22\text{E}-06 \pm 5.16\text{E}-07 \ (+) \end{array}$	1.96E+13 ± 1.20E+13 (+) 1.05E+09 ± 1.68E+08 (+) 3.91E+07 ± 2.56E+06 (+) 7.75E+09 ± 7.88E+09 (+) 4.82E+08 ± 4.92E+08 (+) 4.46E+08 ± 2.65E+08 (+) 1.13E+04 ± 1.70E+03 (+) 4.35E+02 ± 9.67E+00 (+)	1.56E+12 ± 3.45E+11 (+) 1.82E+08 ± 3.05E+07 (-) 2.38E+06 ± 1.09E+06 (+) 5.62E+06 ± 6.18E+05 (+) 1.63E+08 ± 5.36E+07 (+) 5.28E+08 ± 1.48E+08 (+) 1.95E+04 ± 2.62E+03 (+) 4.12E+02 ± 1.14E+01 (+)	4.80E+10 ± 2.99E+10 (-) 1.32E+08 ± 1.64E+07 (-) 5.86E+04 ± 2.19E+05 (+) 2.01E+05 ± 3.58E+04 (+) 3.00E+06 ± 2.35E+06 (+) 7.93E+03 ± 2.81E+02 (+) 2.31E+01 ± 2.04E+00 (+)
	6.97E+08 ± 9.35E+06 7.76E-09 ± 9.01E-10 1.14E-05 ± 3.62E-05 3.75E+03 ± 1.88E+03 1.70E+07 ± 1.58E+06 1.49E+03 ± 5.97E+01 2.76E-13 ± 5.83E-15 2.09E+03 ± 2.81E+02	8.06E+11 ± 1.79E+11 (+) 5.00E+07 ± 1.17E+08 (-) 3.52E+00 ± 9.77E-01 (+) 1.48E+05 ± 6.95E+04 (+) 5.31E+07 ± 1.35E+07 (+) 1.07E+08 ± 7.92E+06 (+) 1.17E+04 ± 7.56E+03 (+) 7.63E+04 ± 4.73E+03 (+)	1.42E+12 ± 2.55E+11 (+) 1.44E+07 ± 3.56E+06 (-) 8.30E-09 ± 7.95E-11 (+) 8.51E+04 ± 2.34E+04 (+) 6.99E+07 ± 1.20E+05 (+) 1.03E+08 ± 4.85E+06 (+) 1.17E+03 ± 2.44E+01 (-) 5.60E-13 ± 1.97E-14 (+) 1.03E+05 ± 4.82E+03 (+)	$\begin{array}{c} 1.40\text{E} + 12 \pm 1.77\text{E} + 11 \ (+) \\ 6.96\text{E} + 08 \pm 1.35\text{E} + 07 \ (\approx) \\ 1.62\text{E} - 06 \pm 1.74\text{E} - 07 \ (+) \\ 1.62\text{E} - 06 \pm 1.74\text{E} - 07 \ (+) \\ 2.09\text{E} + 08 \pm 1.21\text{E} + 07 \ (+) \\ 2.09\text{E} + 08 \pm 1.21\text{E} + 07 \ (+) \\ 2.00\text{E} + 04 \pm 1.81\text{E} + 02 \ (+) \\ 5.22\text{E} - 06 \pm 5.16\text{E} - 07 \ (+) \\ 1.15\text{E} + 06 \pm 1.60\text{E} + 05 \ (+) \end{array}$	1.96E+13 ± 1.20E+13 (+) 1.05E+09 ± 1.68E+08 (+) 3.91E+07 ± 2.56E+06 (+) 7.75E+09 ± 7.88E+09 (+) 4.82E+08 ± 4.92E+08 (+) 6.46E+08 ± 2.65E+08 (+) 1.13E+04 ± 1.70E+03 (+) 4.35E+02 ± 9.67E+00 (+) 5.45E+05 ± 2.21E+05 (+)	1.56E+12 ± 3.45E+11 (+) 1.82E+08 ± 3.05E+07 (-) 2.38E+06 ± 1.09E+06 (+) 5.62E+06 ± 6.18E+05 (+) 1.63E+08 ± 5.36E+07 (+) 5.28E+08 ± 1.48E+08 (+) 1.95E+04 ± 2.62E+03 (+) 4.12E+02 ± 1.14E+01 (+) 3.44E+05 ± 3.36E+04 (+)	4.80E+10 ± 2.99E+10 (·) 1.32E+08 ± 1.64E+07 (·) 5.86E+04 ± 2.19E+05 (+) 3.00E+06 ± 2.35E+04 (+) 3.02E+08 ± 9.57E+07 (+) 7.93E+03 ± 2.81E+02 (+) 2.31E+01 ± 2.04E+00 (+) 1.91E+05 ± 2.66E+04 (+)
	6.97E+08 ± 9.35E+06 7.76E-09 ± 9.01E-10 1.14E-05 ± 3.62E-05 3.75E+03 ± 1.88E+03 1.70E+07 ± 1.58E+06 1.49E+03 ± 5.97E+01 2.76E-13 ± 5.83E-15 2.09E+03 ± 2.81E+02 4.42E+02 ± 8.76E+01	8.06E+11 ± 1.79E+11 (+) 5.00E+07 ± 1.17E+08 (-) 3.52E+00 ± 9.77E-01 (+) 1.48E+05 ± 6.95E+04 (+) 5.31E+07 ± 1.35E+07 (+) 1.07E+08 ± 7.92E+06 (+) 1.17E+04 ± 7.35E+03 (+) 6.56E+00 ± 1.97E+00 (+) 7.63E+04 ± 4.73E+03 (+) 1.84E+03 ± 2.93E+02 (+)	1.42E+12 ± 2.55E+11 (+) 1.44E+07 ± 3.56E+06 (-) 8.30E-09 ± 7.95E-11 (+) 8.51E+04 ± 2.34E+04 (+) 6.99E+07 ± 1.20E+05 (+) 1.03E+08 ± 4.85E+06 (+) 1.17E+03 ± 2.44E+01 (-) 5.60E-13 ± 1.97E-14 (+) 1.03E+05 ± 4.82E+03 (+) 1.21E+03 ± 2.05E+02 (+)	$\begin{array}{c} 1.40\text{E} + 12 \pm 1.77\text{E} + 11 \ (+) \\ 6.96\text{E} + 08 \pm 1.35\text{E} + 07 \ (\approx) \\ 1.62\text{E} - 06 \pm 1.74\text{E} - 07 \ (+) \\ 1.62\text{E} - 06 \pm 1.74\text{E} - 05 \ (+) \\ 7.97\text{E} + 07 \pm 9.26\text{E} + 04 \ (+) \\ 2.09\text{E} + 08 \pm 1.21\text{E} + 07 \ (+) \\ 2.00\text{E} + 04 \pm 1.81\text{E} + 02 \ (+) \\ 5.22\text{E} - 06 \pm 5.16\text{E} - 07 \ (+) \\ 1.15\text{E} + 06 \pm 1.60\text{E} + 05 \ (+) \\ 1.21\text{E} + 03 \pm 3.43\text{E} + 02 \ (+) \end{array}$	1.96E+13 ± 1.20E+13 (+) 1.05E+09 ± 1.68E+08 (+) 3.91E+07 ± 2.56E+09 (+) 4.82E+08 ± 4.92E+08 (+) 4.82E+08 ± 4.92E+08 (+) 6.46E+08 ± 2.65E+08 (+) 1.13E+04 ± 1.70E+03 (+) 4.35E+02 ± 9.67E+00 (+) 5.45E+05 ± 2.21E+05 (+) 1.24E+04 ± 6.20E+03 (+)	1.56E+12 ± 3.45E+11 (+) 1.82E+08 ± 3.05E+07 (-) 2.38E+06 ± 1.09E+06 (+) 5.62E+06 ± 6.18E+05 (+) 1.63E+08 ± 5.36E+07 (+) 5.28E+08 ± 1.48E+08 (+) 1.95E+04 ± 2.62E+03 (+) 4.12E+02 ± 1.14E+01 (+) 3.44E+05 ± 3.36E+04 (+) 1.74E+07 ± 3.66E+07 (+)	4.80E+10 ± 2.99E+10 (·) 1.32E+08 ± 1.64E+07 (·) 5.86E+04 ± 2.19E+05 (+) 2.01E+05 ± 3.58E+04 (+) 3.00E+06 ± 2.35E+06 (+) 3.62E+08 ± 9.57E+07 (+) 7.93E+03 ± 2.81E+02 (+) 2.31E+01 ± 2.04E+00 (+) 1.91E+05 ± 2.66E+04 (+) 1.85E+05 ± 3.12E+04 (+)
	6.97E+08 ± 9.35E+06 7.76E-09 ± 9.01E-10 1.14E-05 ± 3.62E-05 3.75E+03 ± 1.88E+03 1.70E+07 ± 1.58E+06 1.49E+03 ± 5.97E+01 2.76E-13 ± 5.83E-15 2.09E+03 ± 2.81E+02 4.42E+02 ± 8.76E+01 5.52E+07 ± 2.27E+06	8.06E+11 ± 1.79E+11 (+) 5.00E+07 ± 1.17E+08 (-) 3.52E+00 ± 9.77E+01 (+) 1.48E+05 ± 6.95E+04 (+) 1.37E+08 ± 7.92E+06 (+) 1.17E+04 ± 7.56E+03 (+) 6.56E+00 ± 1.97E+00 (+) 7.63E+04 ± 4.73E+03 (+) 1.184E+03 ± 2.93E+02 (+) 2.98E+08 ± 1.46E+07 (+)	1.42E+12 ± 2.55E+11 (+) 1.44E+07 ± 3.56E+06 (-) 8.30E-09 ± 7.95E-11 (+) 8.51E+04 ± 2.34E+04 (+) 6.99E+07 ± 1.20E+05 (+) 1.03E+08 ± 4.85E+06 (+) 1.17E+03 ± 2.44E+01 (-) 5.60E-13 ± 1.97E-14 (+) 1.03E+05 ± 4.82E+03 (+) 1.21E+03 ± 2.05E+02 (+) 2.82E+08 ± 1.14E+07 (+)	$\begin{array}{c} 1.40\text{E}{+}12 \pm 1.77\text{E}{+}11 \ (+) \\ 6.96\text{E}{+}08 \pm 1.35\text{E}{+}07 \ (\approx) \\ 1.62\text{E}{-}06 \pm 1.74\text{E}{-}07 \ (+) \\ 8.01\text{E}{+}05 \pm 1.08\text{E}{+}05 \ (+) \\ 7.97\text{E}{+}07 \pm 9.26\text{E}{+}04 \ (+) \\ 2.09\text{E}{+}08 \pm 1.21\text{E}{+}07 \ (+) \\ 2.00\text{E}{+}04 \pm 1.81\text{E}{+}02 \ (+) \\ 5.22\text{E}{-}06 \pm 5.16\text{E}{-}07 \ (+) \\ 1.21\text{E}{+}06 \pm 1.60\text{E}{+}05 \ (+) \\ 1.21\text{E}{+}03 \pm 3.43\text{E}{+}02 \ (+) \\ 7.56\text{E}{+}08 \pm 3.02\text{E}{+}07 \ (+) \end{array}$	1.96E+13 ± 1.20E+13 (+) 1.05E+09 ± 1.68E+08 (+) 3.91E+07 ± 2.56E+06 (+) 7.75E+09 ± 7.88E+09 (+) 4.82E+08 ± 4.92E+08 (+) 6.46E+08 ± 2.65E+08 (+) 1.13E+04 ± 1.70E+03 (+) 4.35E+02 ± 9.67E+00 (+) 5.45E+05 ± 2.21E+05 (+) 1.24E+04 ± 6.20E+03 (+) 1.74E+09 ± 8.40E+08 (+)	1.56E+12 ± 3.45E+11 (+) 1.82E+08 ± 3.05E+07 (-) 2.38E+06 ± 1.09E+06 (+) 5.62E+06 ± 6.18E+05 (+) 1.63E+08 ± 5.36E+07 (+) 5.28E+08 ± 1.48E+08 (+) 1.95E+04 ± 2.62E+03 (+) 4.12E+02 ± 1.14E+01 (+) 3.44E+05 ± 3.36E+04 (+) 1.74E+07 ± 3.66E+07 (+) 1.18E+09 ± 7.46E+07 (+)	$\begin{array}{l} \textbf{4.80E+10}  \pm  2.99E+10  ( \cdot ) \\ \textbf{1.32E+08}  \pm  1.64E+07  ( \cdot ) \\ \textbf{5.86E+04}  \pm  2.19E+05  ( + ) \\ \textbf{2.01E+05}  \pm  3.58E+04  ( + ) \\ \textbf{3.00E+06}  \pm  2.35E+06  ( + ) \\ \textbf{3.62E+08}  \pm  9.57E+07  ( + ) \\ \textbf{7.93E+03}  \pm  2.81E+02  ( + ) \\ \textbf{2.31E+01}  \pm  2.04E+00  ( + ) \\ \textbf{1.85E+05}  \pm  3.12E+04  ( + ) \\ \textbf{4.36E+07}  \pm  2.61E+06  ( - ) \end{array}$
	6.97E+08 ± 9.35E+06 7.76E+09 ± 9.01E-10 1.14E-05 ± 3.62E-05 3.75E+03 ± 1.88E+03 1.70E+07 ± 1.58E+06 1.49E+03 ± 5.97E+01 2.76E-13 ± 5.83E-15 2.09E+03 ± 2.81E+02 4.42E+02 ± 8.76E+01 5.52E+07 ± 2.27E+06 2.12E+04 ± 1.04E+02	8.06E+11 ± 1.79E+11 (+) 5.00E+07 ± 1.17E+08 (-) 3.52E+00 ± 9.77E-01 (+) 1.48E+05 ± 6.95E+04 (+) 5.31E+07 ± 1.35E+07 (+) 1.07E+08 ± 7.92E+06 (+) 1.17E+04 ± 7.56E+03 (+) 6.56E+00 ± 1.97E+00 (+) 7.63E+04 ± 4.73E+03 (+) 1.84E+03 ± 2.93E+02 (+) 2.98E+08 ± 1.46E+07 (+) 2.11E+04 ± 7.93E+01 (-)	1.42E+12 ± 2.55E+11 (+) 1.44E+07 ± 3.56E+06 (-) 8.30E+09 ± 7.95E+11 (+) 8.51E+04 ± 2.34E+04 (+) 6.99E+07 ± 1.20E+05 (+) 1.03E+08 ± 4.85E+06 (+) 1.17E+03 ± 2.44E+01 (-) 5.60E+13 ± 1.97E+14 (+) 1.03E+05 ± 4.82E+03 (+) 1.21E+03 ± 2.05E+02 (+) 2.82E+08 ± 1.14E+07 (+) 2.06E+04 ± 7.47E+01 (-)	$\begin{array}{c} 1.40\text{E} + 12 \pm 1.77\text{E} + 11 \ (+) \\ 6.96\text{E} + 08 \pm 1.35\text{E} + 07 \ (\approx) \\ 1.62\text{E} - 06 \pm 1.74\text{E} - 07 \ (+) \\ 1.62\text{E} - 06 \pm 1.74\text{E} - 07 \ (+) \\ 2.09\text{E} + 03 \pm 1.21\text{E} + 07 \ (+) \\ 2.09\text{E} + 08 \pm 1.21\text{E} + 07 \ (+) \\ 2.09\text{E} + 04 \pm 1.81\text{E} + 02 \ (+) \\ 5.22\text{E} - 06 \pm 5.16\text{E} - 07 \ (+) \\ 1.15\text{E} + 06 \pm 1.60\text{E} + 05 \ (+) \\ 1.21\text{E} + 03 \pm 3.43\text{E} + 02 \ (+) \\ 7.56\text{E} + 08 \pm 3.02\text{E} + 07 \ (+) \\ 2.10\text{E} + 04 \pm 8.30\text{E} + 01 \ (-) \\ \end{array}$	1.96E+13 ± 1.20E+13 (+) 1.05E+09 ± 1.68E+08 (+) 3.91E+07 ± 2.56E+06 (+) 7.75E+09 ± 7.88E+09 (+) 4.82E+08 ± 4.92E+08 (+) 6.46E+08 ± 2.65E+08 (+) 1.13E+04 ± 1.70E+03 (+) 4.35E+02 ± 9.67E+00 (+) 5.45E+05 ± 2.21E+05 (+) 1.24E+04 ± 6.20E+03 (+) 1.74E+09 ± 8.40E+08 (+) 1.74E+09 ± 8.40E+08 (+) 2.38E+04 ± 1.72E+03 (+)	$\begin{array}{c} 1.56\text{E}{+}12 \pm 3.45\text{E}{+}11 \ (+) \\ 1.82\text{E}{+}08 \pm 3.05\text{E}{+}07 \ (-) \\ 2.38\text{E}{+}06 \pm 1.09\text{E}{+}06 \ (+) \\ 2.38\text{E}{+}06 \pm 1.09\text{E}{+}06 \ (+) \\ 5.62\text{E}{+}06 \pm 6.18\text{E}{+}05 \ (+) \\ 1.63\text{E}{+}08 \pm 5.36\text{E}{+}07 \ (+) \\ 5.28\text{E}{+}08 \pm 1.48\text{E}{+}08 \ (+) \\ 1.95\text{E}{+}04 \pm 2.62\text{E}{+}03 \ (+) \\ 4.12\text{E}{+}02 \pm 1.14\text{E}{+}01 \ (+) \\ 3.44\text{E}{+}05 \pm 3.36\text{E}{+}04 \ (+) \\ 1.74\text{E}{+}07 \pm 3.66\text{E}{+}07 \ (+) \\ 1.86\text{E}{+}09 \pm 7.46\text{E}{+}07 \ (+) \\ 1.80\text{E}{+}04 \pm 3.40\text{E}{+}03 \ (\approx) \end{array}$	4.80E+10 ± 2.99E+10 (·) 1.32E+08 ± 1.64E+07 (·) 5.86E+04 ± 2.19E+05 (+) 2.01E+05 ± 3.58E+04 (+) 3.00E+06 ± 2.35E+06 (+) 3.02E+08 ± 9.57E+07 (+) 7.93E+03 ± 2.81E+02 (+) 2.31E+01 ± 2.04E+00 (+) 1.91E+05 ± 2.66E+04 (+) 1.85E+05 ± 3.12E+04 (+) 4.36E+07 ± 2.61E+06 (+) 6.53E+03 ± 2.01E+02 (-)
f <sub>6</sub> f <sub>7</sub> f <sub>8</sub> f <sub>9</sub> f <sub>10</sub> f <sub>11</sub> f <sub>12</sub> f <sub>13</sub> f <sub>14</sub> f <sub>15</sub> f <sub>16</sub>	6.97E+08 ± 9.35E+06 7.76E-09 ± 9.01E-10 7.16E-09 ± 9.01E-10 7.16E-09 ± 9.01E-10 7.76E-03 ± 3.62E-05 3.75E+03 ± 1.88E+03 1.70E+07 ± 1.58E+06 1.49E+03 ± 5.97E+01 2.76E-13 ± 5.83E-15 2.09E+03 ± 2.81E+02 4.42E+02 ± 8.76E+01 5.52E+07 ± 2.27E+06 2.12E+04 ± 1.04E+02 4.75E-13 ± 4.41E-15	8.06E+11 ± 1.79E+11 (+) 5.00E+07 ± 1.17E+08 (-) 3.52E+00 ± 9.77E-01 (+) 1.48E+05 ± 6.95E+04 (+) 5.31E+07 ± 1.35E+07 (+) 1.07E+08 ± 7.92E+06 (+) 1.17E+04 ± 7.56E+03 (+) 7.63E+04 ± 4.73E+03 (+) 1.84E+03 ± 2.93E+02 (+) 2.98E+08 ± 1.46E+07 (+) 4.27E+01 ± 1.10E+01 (+)	1.42E+12 ± 2.55E+11 (+) 1.44E+07 ± 3.56E+06 (-) 8.30E-09 ± 7.95E-11 (+) 8.51E+04 ± 2.34E+04 (+) 6.99E+07 ± 1.20E+05 (+) 1.03E+08 ± 4.85E+06 (+) 1.17E+03 ± 2.44E+01 (-) 1.03E+05 ± 4.82E+03 (+) 1.21E+03 ± 2.05E+02 (+) 2.82E+08 ± 1.14E+07 (+) 1.00E+00 ± 1.14E+00 (+)	$\begin{array}{c} 1.40\text{E} + 12 \pm 1.77\text{E} + 11 \ (+) \\ 6.96\text{E} + 08 \pm 1.35\text{E} + 07 \ (\approx) \\ 1.62\text{E} - 06 \pm 1.74\text{E} - 07 \ (+) \\ 1.62\text{E} - 06 \pm 1.74\text{E} - 07 \ (+) \\ 2.09\text{E} + 03 \pm 1.21\text{E} + 07 \ (+) \\ 2.09\text{E} + 08 \pm 1.21\text{E} + 07 \ (+) \\ 2.09\text{E} + 04 \pm 1.81\text{E} + 02 \ (+) \\ 5.22\text{E} - 06 \pm 5.16\text{E} - 07 \ (+) \\ 1.21\text{E} + 03 \pm 3.43\text{E} + 02 \ (+) \\ 1.21\text{E} + 03 \pm 3.32\text{E} + 07 \ (+) \\ 2.10\text{E} + 04 \pm 8.30\text{E} + 07 \ (+) \\ 9.08\text{E} - 06 \pm 9.92\text{E} - 07 \ (+) \\ \end{array}$	1.96E+13 ± 1.20E+13 (+) 1.05E+09 ± 1.68E+08 (+) 3.91E+07 ± 2.56E+09 (+) 4.82E+08 ± 4.92E+08 (+) 4.82E+08 ± 4.92E+08 (+) 6.46E+08 ± 2.65E+08 (+) 1.13E+04 ± 1.70E+03 (+) 4.35E+02 ± 9.67E+00 (+) 5.45E+05 ± 2.21E+05 (+) 1.24E+04 ± 6.20E+03 (+) 1.74E+09 ± 8.40E+08 (+) 8.01E+02 ± 6.36E+00 (+)	1.56E+12 ± 3.45E+11 (+) 1.82E+08 ± 3.05E+07 (-) 2.38E+06 ± 1.09E+06 (+) 2.38E+06 ± 1.09E+06 (+) 1.63E+08 ± 5.36E+07 (+) 5.28E+08 ± 1.48E+08 (+) 1.95E+04 ± 2.62E+03 (+) 4.12E+02 ± 1.14E+01 (+) 3.44E+05 ± 3.36E+04 (+) 1.74E+07 ± 3.66E+07 (+) 1.180E+04 ± 3.40E+03 (≈) 8.20E+02 ± 2.15E+00 (+)	4.80E+10 ± 2.99E+10 (·) 1.32E+08 ± 1.64E+07 (·) 5.86E+04 ± 2.19E+05 (+) 3.00E+06 ± 2.35E+04 (+) 3.00E+06 ± 2.35E+06 (+) 3.62E+08 ± 9.57E+07 (+) 7.93E+03 ± 2.81E+02 (+) 1.91E+05 ± 2.66E+04 (+) 1.85E+05 ± 3.12E+04 (+) 4.36E+07 ± 2.61E+06 (-) 2.20E+01 ± 5.10E+01 (+)
f <sub>6</sub> f <sub>7</sub> f <sub>8</sub> f <sub>9</sub> f <sub>10</sub> f <sub>11</sub> f <sub>12</sub> f <sub>13</sub> f <sub>14</sub> f <sub>15</sub> f <sub>16</sub> f <sub>17</sub>	6.97E+08 ± 9.35E+06 7.76E-09 ± 9.01E-10 1.14E-05 ± 3.62E-05 3.75E+03 ± 1.88E+03 1.70E+07 ± 1.58E+06 1.49E+03 ± 5.97E+01 2.76E-13 ± 5.83E-15 2.09E+03 ± 2.81E+02 4.42E+02 ± 8.76E+01 5.52E+07 ± 2.27E+06 2.12E+04 ± 1.04E+02 4.75E-13 ± 4.41E-15 7.47E+04 ± 1.17E+04	8.06E+11 ± 1.79E+11 (+) 5.00E+07 ± 1.17E+08 (-) 3.52E+00 ± 9.77E-01 (+) 1.48E+05 ± 6.95E+04 (+) 5.31E+07 ± 1.35E+07 (+) 1.07E+08 ± 7.92E+06 (+) 1.17E+04 ± 7.56E+03 (+) 6.56E+00 ± 1.97E+00 (+) 7.63E+04 ± 4.73E+03 (+) 1.84E+03 ± 2.93E+02 (+) 2.98E+08 ± 1.46E+07 (+) 2.11E+04 ± 7.93E+01 (-) 4.27E+01 ± 1.10E+01 (+) 4.07E+05 ± 1.89E+04 (+)	1.42E+12 ± 2.55E+11 (+) 1.44E+07 ± 3.56E+06 (-) 8.30E-09 ± 7.95E+11 (+) 8.51E+04 ± 2.34E+04 (+) 6.99E+07 ± 1.20E+05 (+) 1.03E+08 ± 4.85E+06 (+) 1.17E+03 ± 2.44E+01 (-) 5.60E+13 ± 1.97E+14 (+) 1.33E+05 ± 4.82E+03 (+) 1.21E+03 ± 2.05E+02 (+) 2.82E+08 ± 1.14E+07 (+) 2.06E+04 ± 7.47E+01 (-) 1.00E+00 ± 1.14E+00 (+) 5.89E+05 ± 1.75E+04 (+)	$\begin{array}{c} 1.40\text{E} + 12 \pm 1.77\text{E} + 11 \ (+) \\ 6.96\text{E} + 08 \pm 1.35\text{E} + 07 \ (\approx) \\ 1.62\text{E} - 06 \pm 1.74\text{E} - 07 \ (+) \\ 1.62\text{E} - 06 \pm 1.74\text{E} - 07 \ (+) \\ 2.09\text{E} + 08 \pm 1.21\text{E} + 07 \ (+) \\ 2.09\text{E} + 08 \pm 1.21\text{E} + 07 \ (+) \\ 2.00\text{E} + 04 \pm 1.81\text{E} + 02 \ (+) \\ 5.22\text{E} - 06 \pm 5.16\text{E} - 07 \ (+) \\ 1.15\text{E} + 06 \pm 1.60\text{E} + 05 \ (+) \\ 1.21\text{E} + 03 \pm 3.43\text{E} + 02 \ (+) \\ 7.56\text{E} + 08 \pm 3.02\text{E} + 07 \ (+) \\ 2.10\text{E} + 04 \pm 8.30\text{E} + 01 \ (+) \\ 3.12\text{E} + 06 \pm 1.60\text{E} + 05 \ (+) \\ \end{array}$	1.96E+13 ± 1.20E+13 (+) 1.05E+09 ± 1.68E+08 (+) 3.91E+07 ± 2.56E+09 (+) 4.82E+08 ± 4.92E+08 (+) 6.46E+08 ± 2.65E+08 (+) 1.13E+04 ± 1.70E+03 (+) 4.35E+02 ± 9.67E+00 (+) 5.45E+05 ± 2.21E+05 (+) 1.24E+04 ± 6.20E+03 (+) 1.74E+09 ± 8.40E+08 (+) 2.38E+04 ± 1.72E+03 (+) 8.01E+02 ± 6.36E+00 (+) 1.31E+06 ± 5.34E+05 (+)	1.56E+12 ± 3.45E+11 (+) 1.82E+08 ± 3.05E+07 (-) 2.38E+06 ± 1.09E+06 (+) 5.62E+06 ± 6.18E+05 (+) 1.63E+08 ± 5.36E+07 (+) 5.28E+08 ± 1.48E+08 (+) 1.95E+04 ± 2.62E+03 (+) 4.12E+02 ± 1.14E+01 (+) 3.44E+05 ± 3.36E+04 (+) 1.74E+07 ± 3.66E+07 (+) 1.18E+09 ± 7.46E+07 (+) 1.80E+04 ± 3.40E+03 (≈) 8.20E+02 ± 2.15E+00 (+) 8.03E+05 ± 6.12E+04 (+)	4.80E+10 ± 2.99E+10 (·) 1.32E+08 ± 1.64E+07 (·) 5.86E+04 ± 2.19E+05 (+) 3.00E+06 ± 2.35E+04 (+) 3.00E+06 ± 2.35E+07 (+) 7.93E+03 ± 2.81E+02 (+) 2.31E+01 ± 2.04E+00 (+) 1.91E+05 ± 2.66E+04 (+) 1.85E+05 ± 3.12E+04 (+) 4.36E+07 ± 2.61E+06 (-) 6.53E+03 ± 2.01E+02 (-) 2.20E+01 ± 5.10E+01 (+) 3.24E+01 ± 3.66E+01 (-)
f6 f7 f8 f9 f10 f11 f12 f13 f14 f15 f16 f17	6.97E+08 ± 9.35E+06 7.76E-09 ± 9.01E-10 1.14E-05 ± 3.62E-05 3.75E+03 ± 1.88E+03 1.70E+07 ± 1.58E+06 1.49E+03 ± 5.97E+01 2.76E-13 ± 5.83E-15 2.09E+03 ± 2.81E+02 4.42E+02 ± 8.76E+01 5.52E+07 ± 2.27E+06 2.12E+04 ± 1.04E+02 4.75E-13 ± 4.41E-15 7.47E+04 ± 1.17E+04 1.42E+03 ± 1.73E+02	8.06E+11 ± 1.79E+11 (+) 5.00E+07 ± 1.17E+08 (-) 3.52E+00 ± 9.77E+01 (+) 1.48E+05 ± 6.95E+04 (+) 1.07E+08 ± 7.92E+06 (+) 1.17E+04 ± 7.55E+03 (+) 6.56E+00 ± 1.97E+00 (+) 1.84E+03 ± 2.93E+02 (+) 2.98E+08 ± 1.46E+07 (+) 2.11E+04 ± 7.93E+01 (-) 4.27E+01 ± 1.10E+01 (+) 4.07E+05 ± 1.89E+04 (+) 6.19E+03 ± 1.15E+03 (+)	1.42E+12 ± 2.55E+11 (+) 1.44E+07 ± 3.56E+06 (-) 8.30E-09 ± 7.95E-11 (+) 8.51E+04 ± 2.34E+04 (+) 6.99E+07 ± 1.20E+05 (+) 1.03E+08 ± 4.85E+06 (+) 1.17E+03 ± 2.44E+01 (-) 5.60E-13 ± 1.97E-14 (+) 1.03E+05 ± 4.82E+03 (+) 1.21E+03 ± 2.05E+02 (+) 2.82E+08 ± 1.14E+07 (+) 2.06E+04 ± 7.47E+01 (-) 1.00E+00 ± 1.14E+00 (+) 4.87E+03 ± 1.12E+03 (+)	$\begin{array}{c} 1.40\text{E}{+}12\pm1.77\text{E}{+}11\ (+)\\ 6.96\text{E}{+}08\pm1.35\text{E}{+}07\ (\approx)\\ 1.62\text{E}{-}06\pm1.74\text{E}{-}07\ (+)\\ 2.02\text{E}{-}06\pm1.08\text{E}{+}05\ (+)\\ 7.97\text{E}{+}07\pm9.26\text{E}{+}04\ (+)\\ 2.09\text{E}{+}08\pm1.21\text{E}{+}07\ (+)\\ 2.09\text{E}{+}08\pm1.21\text{E}{+}07\ (+)\\ 5.22\text{E}{-}06\pm5.16\text{E}{-}07\ (+)\\ 5.22\text{E}{-}06\pm5.16\text{E}{-}07\ (+)\\ 1.15\text{E}{+}06\pm1.60\text{E}{+}05\ (+)\\ 1.21\text{E}{+}03\pm3.43\text{E}{+}02\ (+)\\ 7.56\text{E}{+}08\pm3.02\text{E}{+}07\ (+)\\ 2.10\text{E}{+}04\pm8.30\text{E}{+}07\ (+)\\ 3.12\text{E}{+}06\pm1.60\text{E}{+}05\ (+)\\ 3.12\text{E}{+}06\pm1.60\text{E}{+}05\ (+)\\ 5.09\text{E}{+}03\pm3.02\text{E}{+}03\ (+)\\ \end{array}$	1.96E+13 ± 1.20E+13 (+) 1.05E+09 ± 1.68E+08 (+) 3.91E+07 ± 2.56E+06 (+) 3.91E+07 ± 2.56E+06 (+) 4.82E+09 ± 7.88E+09 (+) 4.82E+08 ± 4.92E+08 (+) 6.46E+08 ± 2.65E+08 (+) 1.13E+04 ± 1.70E+03 (+) 4.35E+02 ± 9.67E+00 (+) 4.35E+02 ± 9.67E+00 (+) 1.24E+04 ± 6.20E+03 (+) 1.74E+09 ± 8.40E+08 (+) 2.38E+04 ± 1.72E+03 (+) 8.01E+02 ± 6.36E+00 (+) 1.31E+06 ± 5.34E+05 (+) 4.43E+04 ± 4.45E+04 (+)	$\begin{array}{c} 1.56\text{E}{+}12 \pm 3.45\text{E}{+}11 \ (+) \\ 1.82\text{E}{+}08 \pm 3.05\text{E}{+}07 \ (-) \\ 2.38\text{E}{+}06 \pm 1.09\text{E}{+}06 \ (+) \\ 2.38\text{E}{+}06 \pm 1.09\text{E}{+}06 \ (+) \\ 1.63\text{E}{+}08 \pm 5.36\text{E}{+}07 \ (+) \\ 5.28\text{E}{+}08 \pm 1.48\text{E}{+}08 \ (+) \\ 1.95\text{E}{+}04 \pm 2.62\text{E}{+}03 \ (+) \\ 4.12\text{E}{+}02 \pm 1.14\text{E}{+}01 \ (+) \\ 4.12\text{E}{+}02 \pm 1.14\text{E}{+}01 \ (+) \\ 1.74\text{E}{+}07 \pm 3.66\text{E}{+}07 \ (+) \\ 1.18\text{E}{+}09 \pm 7.46\text{E}{+}07 \ (+) \\ 1.80\text{E}{+}04 \pm 3.40\text{E}{+}03 \ (\approx) \\ 8.20\text{E}{+}02 \pm 2.15\text{E}{+}00 \ (+) \\ 8.03\text{E}{+}05 \pm 6.12\text{E}{+}04 \ (+) \\ 5.24\text{E}{+}09 \pm 5.64\text{E}{+}09 \ (+) \end{array}$	4.80E+10 ± 2.99E+10 (·) 1.32E+08 ± 1.64E+07 (·) 5.86E+04 ± 2.19E+05 (+) 2.01E+05 ± 3.58E+04 (+) 3.00E+06 ± 2.35E+06 (+) 3.62E+08 ± 9.57E+07 (+) 7.93E+03 ± 2.81E+02 (+) 2.31E+01 ± 2.04E+00 (+) 1.91E+05 ± 2.66E+04 (+) 1.85E+05 ± 3.12E+04 (+) 4.36E+07 ± 2.61E+06 (-) 6.53E+03 ± 2.01E+02 (-) 2.20E+01 ± 5.10E+01 (+) 3.24E+01 ± 3.66E+01 (-) 1.97E+03 ± 1.92E+02 (+)
f6 f7 f8 f9 f10 f11 f12 f13 f14 f15 f16 f17 f18	$\begin{array}{c} 6.97\text{E}+08 \pm 9.35\text{E}+06 \\ \hline 7.76\text{E}+09 \pm 9.01\text{E}-10 \\ \hline 1.14\text{E}-05 \pm 3.62\text{E}-05 \\ \hline 3.75\text{E}+03 \pm 1.88\text{E}+03 \\ \hline 1.70\text{E}+07 \pm 1.58\text{E}+06 \\ \hline 1.49\text{E}+03 \pm 5.97\text{E}+01 \\ \hline 2.76\text{E}-13 \pm 5.83\text{E}-15 \\ \hline 2.09\text{E}+03 \pm 2.81\text{E}+02 \\ \hline 4.42\text{E}+02 \pm 8.76\text{E}+01 \\ \hline 5.52\text{E}+07 \pm 2.27\text{E}+06 \\ \hline 2.12\text{E}+04 \pm 1.04\text{E}+02 \\ \hline 4.75\text{E}-13 \pm 4.41\text{E}-15 \\ \hline 7.47\text{E}+04 \pm 1.17\text{E}+04 \\ \hline 1.42\text{E}+03 \pm 1.73\text{E}+02 \\ \hline 5.19\text{E}+07 \pm 2.61\text{E}+06 \\ \hline \end{array}$	8.06E+11 ± 1.79E+11 (+) 5.00E+07 ± 1.17E+08 (-) 3.52E+00 ± 9.77E+01 (+) 3.52E+00 ± 9.77E+01 (+) 1.48E+05 ± 6.95E+04 (+) 5.31E+07 ± 1.35E+07 (+) 1.07E+08 ± 7.92E+06 (+) 1.17E+04 ± 7.56E+03 (+) 6.56E+00 ± 1.97E+00 (+) 7.63E+04 ± 4.73E+03 (+) 1.84E+03 ± 2.93E+02 (+) 2.98E+08 ± 1.46E+07 (+) 2.11E+04 ± 7.93E+01 (-) 4.27E+01 ± 1.10E+01 (+) 4.07E+05 ± 1.89E+04 (+) 6.19E+03 ± 1.15E+03 (+) 1.08E+07 ± 5.36E+05 (-)	1.42E+12 ± 2.55E+11 (+) 1.44E+07 ± 3.56E+06 (-) 8.30E+09 ± 7.95E+11 (+) 8.51E+04 ± 2.34E+04 (+) 6.99E+07 ± 1.20E+05 (+) 1.03E+03 ± 4.85E+06 (+) 1.17E+03 ± 2.44E+01 (-) 1.03E+05 ± 4.82E+03 (+) 1.21E+03 ± 2.05E+02 (+) 2.82E+08 ± 1.14E+07 (+) 2.06E+04 ± 7.47E+01 (-) 1.00E+00 ± 1.14E+00 (+) 5.89E+05 ± 1.75E+04 (+) 2.55E+07 ± 1.31E+06 (-)	$\begin{array}{c} 1.40\text{E} + 12 \pm 1.77\text{E} + 11 \ (+) \\ 6.96\text{E} + 08 \pm 1.35\text{E} + 07 \ (\approx) \\ 1.62\text{E} - 06 \pm 1.74\text{E} - 07 \ (+) \\ 1.62\text{E} - 06 \pm 1.74\text{E} - 07 \ (+) \\ 2.09\text{E} + 08 \pm 1.21\text{E} + 07 \ (+) \\ 2.09\text{E} + 08 \pm 1.21\text{E} + 07 \ (+) \\ 2.09\text{E} + 08 \pm 1.21\text{E} + 07 \ (+) \\ 2.00\text{E} + 04 \pm 1.81\text{E} + 02 \ (+) \\ 5.22\text{E} - 06 \pm 5.16\text{E} - 07 \ (+) \\ 1.15\text{E} + 06 \pm 1.60\text{E} + 05 \ (+) \\ 1.21\text{E} + 03 \pm 3.43\text{E} + 02 \ (+) \\ 7.56\text{E} + 08 \pm 3.02\text{E} + 07 \ (+) \\ 2.10\text{E} + 04 \pm 8.30\text{E} + 01 \ (-) \\ 9.08\text{E} - 06 \pm 9.92\text{E} - 07 \ (+) \\ 3.12\text{E} + 06 \pm 1.60\text{E} + 05 \ (+) \\ 4.18\text{E} + 07 \pm 2.06\text{E} + 06 \ (-) \\ \end{array}$	1.96E+13 ± 1.20E+13 (+) 1.05E+09 ± 1.68E+08 (+) 3.91E+07 ± 2.56E+09 (+) 4.82E+08 ± 4.92E+08 (+) 4.82E+08 ± 4.92E+08 (+) 4.82E+08 ± 2.65E+08 (+) 1.13E+04 ± 1.70E+03 (+) 4.35E+02 ± 9.67E+00 (+) 5.45E+05 ± 2.21E+05 (+) 1.24E+04 ± 6.20E+03 (+) 1.74E+09 ± 8.40E+08 (+) 2.38E+04 ± 1.72E+03 (+) 8.01E+02 ± 6.36E+00 (+) 1.31E+06 ± 5.34E+05 (+) 4.43E+04 ± 4.45E+04 (+) 8.96E+06 ± 1.40E+06 (-)	1.56E+12 ± 3.45E+11 (+) 1.82E+08 ± 3.05E+07 (-) 2.38E+06 ± 1.09E+06 (+) 2.38E+06 ± 1.09E+06 (+) 1.63E+08 ± 5.36E+07 (+) 5.28E+08 ± 1.48E+08 (+) 1.95E+04 ± 2.62E+03 (+) 4.12E+02 ± 1.14E+01 (+) 3.44E+05 ± 3.36E+04 (+) 1.74E+07 ± 3.66E+07 (+) 1.18E+09 ± 7.46E+07 (+) 1.80E+04 ± 3.40E+03 (≈) 8.20E+02 ± 2.15E+00 (+) 8.03E+05 ± 6.12E+04 (+) 2.96E+06 ± 1.80E+05 (-)	$\begin{array}{l} \textbf{4.80E+10} \pm 2.99E+10 \ (\cdot) \\ \textbf{1.32E+08} \pm 1.64E+07 \ (\cdot) \\ \textbf{5.86E+04} \pm 2.19E+05 \ (+) \\ \textbf{5.86E+04} \pm 2.19E+05 \ (+) \\ \textbf{3.00E+06} \pm 3.58E+04 \ (+) \\ \textbf{3.00E+06} \pm 2.35E+06 \ (+) \\ \textbf{3.00E+06} \pm 2.35E+00 \ (+) \\ \textbf{3.20E+08} \pm 9.57E+07 \ (+) \\ \textbf{7.93E+03} \pm 2.81E+02 \ (+) \\ \textbf{2.31E+01} \pm 2.04E+00 \ (+) \\ \textbf{1.91E+05} \pm 2.66E+04 \ (+) \\ \textbf{1.95E+05} \pm 3.12E+04 \ (+) \\ \textbf{4.36E+07} \pm 2.61E+06 \ (-) \\ \textbf{6.53E+03} \pm 2.01E+02 \ (-) \\ \textbf{2.20E-01} \pm 5.10E-01 \ (+) \\ \textbf{3.24E+01} \pm 3.66E+01 \ (-) \\ \textbf{1.97E+03} \pm 1.92E+02 \ (+) \\ \textbf{1.94E+06} \pm 1.05E+05 \ (-) \end{array}$
f6 f7 f8 f9 f10 f11 f12 f13 f14 f15 f16 f17	6.97E+08 ± 9.35E+06 7.76E-09 ± 9.01E-10 1.14E-05 ± 3.62E-05 3.75E+03 ± 1.88E+03 1.70E+07 ± 1.58E+06 1.49E+03 ± 5.97E+01 2.76E-13 ± 5.83E-15 2.09E+03 ± 2.81E+02 4.42E+02 ± 8.76E+01 5.52E+07 ± 2.27E+06 2.12E+04 ± 1.04E+02 4.75E-13 ± 4.41E-15 7.47E+04 ± 1.17E+04 1.42E+03 ± 1.73E+02	8.06E+11 ± 1.79E+11 (+) 5.00E+07 ± 1.17E+08 (-) 3.52E+00 ± 9.77E-01 (+) 3.52E+00 ± 9.77E-01 (+) 1.48E+05 ± 6.95E+04 (+) 5.31E+07 ± 1.35E+07 (+) 1.07E+08 ± 7.92E+06 (+) 1.17E+04 ± 7.56E+03 (+) 7.63E+04 ± 1.97E+00 (+) 7.63E+04 ± 4.73E+03 (+) 1.84E+03 ± 2.93E+02 (+) 2.98E+08 ± 1.46E+07 (+) 4.27E+01 ± 1.10E+01 (+) 4.07E+05 ± 1.89E+04 (+) 6.19E+03 ± 1.15E+03 (+) 1.08E+07 ± 5.36E+05 (+) 4.43E+03 ± 2.56E+02 (+)	1.42E+12 ± 2.55E+11 (+) 1.44E+07 ± 3.56E+06 (-) 8.30E-09 ± 7.95E+11 (+) 8.51E+04 ± 2.34E+04 (+) 6.99E+07 ± 1.20E+05 (+) 1.03E+08 ± 4.85E+06 (+) 1.17E+03 ± 2.44E+01 (-) 1.03E+05 ± 4.82E+03 (+) 1.21E+03 ± 2.05E+02 (+) 2.82E+08 ± 1.14E+07 (+) 1.00E+00 ± 1.14E+00 (+) 5.89E+05 ± 1.75E+04 (+) 4.47E+03 ± 1.12E+03 (+) 2.55E+07 ± 1.31E+06 (-) 2.86E+03 ± 3.64E+02 (+)	$\begin{array}{c} 1.40\text{E} + 12 \pm 1.77\text{E} + 11 \ (+) \\ 6.96\text{E} + 08 \pm 1.35\text{E} + 07 \ (\approx) \\ 1.62\text{E} - 06 \pm 1.74\text{E} - 07 \ (+) \\ 1.62\text{E} - 06 \pm 1.74\text{E} - 07 \ (+) \\ 2.09\text{E} + 08 \pm 1.21\text{E} + 07 \ (+) \\ 2.09\text{E} + 08 \pm 1.21\text{E} + 07 \ (+) \\ 2.09\text{E} + 04 \pm 1.81\text{E} + 02 \ (+) \\ 2.09\text{E} + 04 \pm 1.81\text{E} + 02 \ (+) \\ 1.21\text{E} + 03 \pm 3.43\text{E} + 02 \ (+) \\ 1.21\text{E} + 03 \pm 3.43\text{E} + 02 \ (+) \\ 7.56\text{E} + 08 \pm 3.02\text{E} + 07 \ (+) \\ 2.10\text{E} + 04 \pm 8.30\text{E} + 01 \ (+) \\ 9.08\text{E} - 06 \pm 9.92\text{E} - 07 \ (+) \\ 3.12\text{E} + 06 \pm 1.60\text{E} + 05 \ (+) \\ 5.09\text{E} + 03 \pm 3.02\text{E} + 03 \ (+) \\ 4.18\text{E} + 07 \pm 2.06\text{E} + 06 \ (+) \\ 2.22\text{E} + 03 \pm 3.51\text{E} + 02 \ (+) \end{array}$	1.96E+13 ± 1.20E+13 (+) 1.05E+09 ± 1.68E+08 (+) 3.91E+07 ± 2.56E+09 (+) 4.82E+08 ± 4.92E+08 (+) 4.82E+08 ± 4.92E+08 (+) 4.82E+08 ± 2.65E+08 (+) 1.13E+04 ± 1.70E+03 (+) 4.35E+02 ± 9.67E+00 (+) 5.45E+05 ± 2.21E+05 (+) 1.24E+04 ± 6.20E+03 (+) 1.74E+09 ± 8.40E+08 (+) 4.31E+02 ± 6.36E+00 (+) 1.31E+06 ± 5.34E+05 (+) 4.43E+04 ± 4.45E+04 (+) 4.43E+04 ± 4.45E+04 (+) 4.96E+06 ± 1.40E+06 (-) 2.56E+04 ± 2.71E+04 (+)	1.56E+12 ± 3.45E+11 (+) 1.82E+08 ± 3.05E+07 (-) 2.38E+06 ± 1.09E+06 (+) 2.38E+06 ± 1.09E+06 (+) 1.63E+08 ± 5.36E+07 (+) 5.28E+08 ± 1.48E+08 (+) 1.95E+04 ± 2.62E+03 (+) 4.12E+02 ± 1.14E+01 (+) 3.44E+05 ± 3.36E+04 (+) 1.74E+07 ± 3.66E+07 (+) 1.180E+04 ± 3.40E+03 (≈) 8.20E+02 ± 2.15E+00 (+) 8.03E+05 ± 6.12E+04 (+) 5.24E+09 ± 5.24E+09 (+) 5.24E+09 ± 5.24E+09 (+) 5.46E+09 ± 4.35E+09 (+)	4.80E+10 ± 2.99E+10 (·) 1.32E+08 ± 1.64E+07 (·) 5.86E+04 ± 2.19E+05 (+) 3.00E+06 ± 2.35E+06 (+) 3.00E+06 ± 2.35E+06 (+) 3.62E+08 ± 9.57E+07 (+) 7.93E+03 ± 2.81E+02 (+) 1.91E+05 ± 2.66E+04 (+) 1.91E+05 ± 2.66E+04 (+) 1.85E+07 ± 2.61E+06 (-) 6.53E+03 ± 2.01E+06 (-) 2.20E-01 ± 5.10E-01 (+) 3.24E+01 ± 3.69E+01 (-) 1.97E+03 ± 1.92E+02 (-) 1.94E+06 ± 1.05E+05 (-) 1.30E+08 ± 1.68E+08 (+)
f6 f7 f8 f9 f10 f11 f12 f13 f14 f15 f16 f17 f18	$\begin{array}{c} 6.97\text{E}+08 \pm 9.35\text{E}+06 \\ \hline 7.76\text{E}+09 \pm 9.01\text{E}-10 \\ \hline 1.14\text{E}-05 \pm 3.62\text{E}-05 \\ \hline 3.75\text{E}+03 \pm 1.88\text{E}+03 \\ \hline 1.70\text{E}+07 \pm 1.58\text{E}+06 \\ \hline 1.49\text{E}+03 \pm 5.97\text{E}+01 \\ \hline 2.76\text{E}-13 \pm 5.83\text{E}-15 \\ \hline 2.09\text{E}+03 \pm 2.81\text{E}+02 \\ \hline 4.42\text{E}+02 \pm 8.76\text{E}+01 \\ \hline 5.52\text{E}+07 \pm 2.27\text{E}+06 \\ \hline 2.12\text{E}+04 \pm 1.04\text{E}+02 \\ \hline 4.75\text{E}-13 \pm 4.41\text{E}-15 \\ \hline 7.47\text{E}+04 \pm 1.17\text{E}+04 \\ \hline 1.42\text{E}+03 \pm 1.73\text{E}+02 \\ \hline 5.19\text{E}+07 \pm 2.61\text{E}+06 \\ \hline \end{array}$	8.06E+11 ± 1.79E+11 (+) 5.00E+07 ± 1.17E+08 (-) 3.52E+00 ± 9.77E-01 (+) 1.48E+05 ± 6.95E+04 (+) 5.31E+07 ± 1.35E+07 (+) 1.07E+08 ± 7.92E+06 (+) 1.17E+04 ± 7.56E+03 (+) 6.56E+00 ± 1.97E+00 (+) 7.63E+04 ± 4.73E+03 (+) 1.84E+03 ± 2.93E+02 (+) 2.98E+08 ± 1.46E+07 (+) 2.11E+04 ± 7.93E+01 (-) 4.27E+01 ± 1.10E+01 (+) 4.07E+05 ± 1.89E+04 (+) 6.19E+03 ± 1.15E+03 (+) 1.08E+07 ± 5.36E+05 (-) 4.43E+03 ± 2.56E+02 (+)	1.42E+12 ± 2.55E+11 (+) 1.44E+07 ± 3.56E+06 (-) 8.30E-09 ± 7.95E+11 (+) 8.51E+04 ± 2.34E+04 (+) 6.99E+07 ± 1.20E+05 (+) 1.03E+08 ± 4.85E+06 (+) 1.17E+03 ± 2.44E+01 (-) 5.60E+13 ± 1.97E+14 (+) 1.03E+05 ± 4.82E+03 (+) 1.21E+03 ± 2.05E+02 (+) 2.82E+08 ± 1.14E+07 (+) 2.06E+04 ± 7.47E+01 (-) 1.00E+00 ± 1.14E+00 (+) 5.89E+05 ± 1.75E+04 (+) 4.47E+03 ± 1.31E+06 (-) 2.86E+03 ± 3.64E+02 (+)	$\begin{array}{c} 1.40\text{E} + 12 \pm 1.77\text{E} + 11 \ (+) \\ 6.96\text{E} + 08 \pm 1.35\text{E} + 07 \ (\approx) \\ 1.62\text{E} - 06 \pm 1.74\text{E} - 07 \ (+) \\ 1.62\text{E} - 06 \pm 1.74\text{E} - 07 \ (+) \\ 1.62\text{E} - 06 \pm 1.08\text{E} + 05 \ (+) \\ 7.97\text{E} + 07 \pm 9.26\text{E} + 04 \ (+) \\ 2.09\text{E} + 08 \pm 1.21\text{E} + 07 \ (+) \\ 2.09\text{E} + 08 \pm 1.21\text{E} + 07 \ (+) \\ 2.00\text{E} + 04 \pm 1.81\text{E} + 02 \ (+) \\ 5.22\text{E} - 06 \pm 5.16\text{E} - 07 \ (+) \\ 1.15\text{E} + 06 \pm 1.60\text{E} + 05 \ (+) \\ 1.21\text{E} + 03 \pm 3.43\text{E} + 02 \ (+) \\ 7.56\text{E} + 08 \pm 3.02\text{E} + 07 \ (+) \\ 2.10\text{E} + 04 \pm 8.30\text{E} + 01 \ (+) \\ 2.10\text{E} + 04 \pm 8.30\text{E} + 01 \ (+) \\ 3.12\text{E} + 06 \pm 1.60\text{E} + 05 \ (+) \\ 5.09\text{E} + 03 \pm 3.02\text{E} + 03 \ (+) \\ 4.18\text{E} + 07 \pm 2.06\text{E} + 06 \ (+) \\ 2.22\text{E} + 03 \pm 3.51\text{E} + 02 \ (+) \\ 17 \end{array}$	1.96E+13 ± 1.20E+13 (+) 1.05E+09 ± 1.68E+08 (+) 3.91E+07 ± 2.56E+09 (+) 4.82E+08 ± 4.92E+08 (+) 6.46E+08 ± 2.65E+08 (+) 1.13E+04 ± 1.70E+03 (+) 4.35E+02 ± 9.67E+00 (+) 5.45E+05 ± 2.21E+03 (+) 1.24E+04 ± 6.20E+03 (+) 1.24E+04 ± 6.20E+03 (+) 1.24E+04 ± 1.72E+03 (+) 2.38E+04 ± 1.72E+03 (+) 4.31E+06 ± 5.34E+05 (+) 4.32E+04 ± 4.45E+04 (+) 8.96E+06 ± 1.40E+06 (-) 2.56E+04 ± 2.71E+04 (+)	1.56E+12 ± 3.45E+11 (+) 1.82E+08 ± 3.05E+07 (-) 2.38E+06 ± 1.09E+06 (+) 1.63E+06 ± 6.18E+05 (+) 1.63E+08 ± 5.36E+07 (+) 5.28E+08 ± 1.48E+08 (+) 1.95E+04 ± 2.62E+03 (+) 4.12E+02 ± 1.14E+01 (+) 3.44E+07 ± 3.36E+04 (+) 1.74E+07 ± 3.66E+07 (+) 1.18E+09 ± 7.46E+07 (+) 1.80E+04 ± 3.40E+03 (≈) 8.20E+02 ± 2.15E+00 (+) 8.03E+05 ± 6.12E+04 (+) 5.24E+09 ± 5.64E+09 (+) 2.96E+06 ± 1.80E+05 (-) 5.46E+09 ± 4.35E+09 (+)	4.80E+10 ± 2.99E+10 (·) 1.32E+08 ± 1.64E+07 (·) 5.86E+04 ± 2.19E+05 (+) 3.00E+06 ± 2.35E+04 (+) 3.00E+06 ± 2.35E+06 (+) 3.62E+08 ± 9.57E+07 (+) 7.93E+03 ± 2.81E+02 (+) 2.31E+01 ± 2.04E+00 (+) 1.91E+05 ± 2.66E+04 (+) 1.85E+05 ± 3.12E+04 (+) 4.36E+07 ± 2.61E+06 (-) 6.53E+03 ± 2.01E+02 (-) 2.20E-01 ± 5.10E-01 (+) 3.24E+01 ± 3.66E+01 (-) 1.97E+03 ± 1.92E+02 (+) 1.94E+06 ± 1.05E+05 (-) 1.30E+08 ± 1.68E+08 (+)
$\begin{array}{c} f_6 \\ \hline f_7 \\ \hline f_8 \\ \hline f_9 \\ \hline f_{10} \\ \hline f_{11} \\ \hline f_{12} \\ \hline f_{13} \\ \hline f_{14} \\ \hline f_{15} \\ \hline f_{16} \\ \hline f_{17} \\ \hline f_{18} \\ \hline f_{19} \\ \end{array}$	$\begin{array}{c} 6.97\text{E}+08 \pm 9.35\text{E}+06 \\ \hline 7.76\text{E}+09 \pm 9.01\text{E}-10 \\ \hline 1.14\text{E}-05 \pm 3.62\text{E}-05 \\ \hline 3.75\text{E}+03 \pm 1.88\text{E}+03 \\ \hline 1.70\text{E}+07 \pm 1.58\text{E}+06 \\ \hline 1.49\text{E}+03 \pm 5.97\text{E}+01 \\ \hline 2.76\text{E}-13 \pm 5.83\text{E}-15 \\ \hline 2.09\text{E}+03 \pm 2.81\text{E}+02 \\ \hline 4.42\text{E}+02 \pm 8.76\text{E}+01 \\ \hline 5.52\text{E}+07 \pm 2.27\text{E}+06 \\ \hline 2.12\text{E}+04 \pm 1.04\text{E}+02 \\ \hline 4.75\text{E}-13 \pm 4.41\text{E}-15 \\ \hline 7.47\text{E}+04 \pm 1.17\text{E}+04 \\ \hline 1.42\text{E}+03 \pm 1.73\text{E}+02 \\ \hline 5.19\text{E}+07 \pm 2.61\text{E}+06 \\ \hline \end{array}$	8.06E+11 ± 1.79E+11 (+) 5.00E+07 ± 1.17E+08 (-) 3.52E+00 ± 9.77E-01 (+) 3.52E+00 ± 9.77E-01 (+) 1.48E+05 ± 6.95E+04 (+) 5.31E+07 ± 1.35E+07 (+) 1.07E+08 ± 7.92E+06 (+) 1.17E+04 ± 7.56E+03 (+) 7.63E+04 ± 1.97E+00 (+) 7.63E+04 ± 4.73E+03 (+) 1.84E+03 ± 2.93E+02 (+) 2.98E+08 ± 1.46E+07 (+) 4.27E+01 ± 1.10E+01 (+) 4.07E+05 ± 1.89E+04 (+) 6.19E+03 ± 1.15E+03 (+) 1.08E+07 ± 5.36E+05 (+) 4.43E+03 ± 2.56E+02 (+)	1.42E+12 ± 2.55E+11 (+) 1.44E+07 ± 3.56E+06 (-) 8.30E-09 ± 7.95E+11 (+) 8.51E+04 ± 2.34E+04 (+) 6.99E+07 ± 1.20E+05 (+) 1.03E+08 ± 4.85E+06 (+) 1.17E+03 ± 2.44E+01 (-) 1.03E+05 ± 4.82E+03 (+) 1.21E+03 ± 2.05E+02 (+) 2.82E+08 ± 1.14E+07 (+) 1.00E+00 ± 1.14E+00 (+) 5.89E+05 ± 1.75E+04 (+) 4.47E+03 ± 1.12E+03 (+) 2.55E+07 ± 1.31E+06 (-) 2.86E+03 ± 3.64E+02 (+)	$\begin{array}{c} 1.40\text{E} + 12 \pm 1.77\text{E} + 11 \ (+) \\ 6.96\text{E} + 08 \pm 1.35\text{E} + 07 \ (\approx) \\ 1.62\text{E} - 06 \pm 1.74\text{E} - 07 \ (+) \\ 1.62\text{E} - 06 \pm 1.74\text{E} - 07 \ (+) \\ 2.09\text{E} + 08 \pm 1.21\text{E} + 07 \ (+) \\ 2.09\text{E} + 08 \pm 1.21\text{E} + 07 \ (+) \\ 2.09\text{E} + 04 \pm 1.81\text{E} + 02 \ (+) \\ 2.09\text{E} + 04 \pm 1.81\text{E} + 02 \ (+) \\ 1.21\text{E} + 03 \pm 3.43\text{E} + 02 \ (+) \\ 1.21\text{E} + 03 \pm 3.43\text{E} + 02 \ (+) \\ 7.56\text{E} + 08 \pm 3.02\text{E} + 07 \ (+) \\ 2.10\text{E} + 04 \pm 8.30\text{E} + 01 \ (+) \\ 9.08\text{E} - 06 \pm 9.92\text{E} - 07 \ (+) \\ 3.12\text{E} + 06 \pm 1.60\text{E} + 05 \ (+) \\ 5.09\text{E} + 03 \pm 3.02\text{E} + 03 \ (+) \\ 4.18\text{E} + 07 \pm 2.06\text{E} + 06 \ (+) \\ 2.22\text{E} + 03 \pm 3.51\text{E} + 02 \ (+) \end{array}$	1.96E+13 ± 1.20E+13 (+) 1.05E+09 ± 1.68E+08 (+) 3.91E+07 ± 2.56E+09 (+) 4.82E+08 ± 4.92E+08 (+) 4.82E+08 ± 4.92E+08 (+) 4.82E+08 ± 2.65E+08 (+) 1.13E+04 ± 1.70E+03 (+) 4.35E+02 ± 9.67E+00 (+) 5.45E+05 ± 2.21E+05 (+) 1.24E+04 ± 6.20E+03 (+) 1.74E+09 ± 8.40E+08 (+) 4.31E+02 ± 6.36E+00 (+) 1.31E+06 ± 5.34E+05 (+) 4.43E+04 ± 4.45E+04 (+) 4.43E+04 ± 4.45E+04 (+) 4.96E+06 ± 1.40E+06 (-) 2.56E+04 ± 2.71E+04 (+)	1.56E+12 ± 3.45E+11 (+) 1.82E+08 ± 3.05E+07 (-) 2.38E+06 ± 1.09E+06 (+) 2.38E+06 ± 1.09E+06 (+) 1.63E+08 ± 5.36E+07 (+) 5.28E+08 ± 1.48E+08 (+) 1.95E+04 ± 2.62E+03 (+) 4.12E+02 ± 1.14E+01 (+) 3.44E+05 ± 3.36E+04 (+) 1.74E+07 ± 3.66E+07 (+) 1.180E+04 ± 3.40E+03 (≈) 8.20E+02 ± 2.15E+00 (+) 8.03E+05 ± 6.12E+04 (+) 5.24E+09 ± 5.24E+09 (+) 5.24E+09 ± 5.24E+09 (+) 5.46E+09 ± 4.35E+09 (+)	4.80E+10 ± 2.99E+10 (·) 1.32E+08 ± 1.64E+07 (·) 5.86E+04 ± 2.19E+05 (+) 3.00E+06 ± 2.35E+06 (+) 3.00E+06 ± 2.35E+06 (+) 3.62E+08 ± 9.57E+07 (+) 7.93E+03 ± 2.81E+02 (+) 1.91E+05 ± 2.66E+04 (+) 1.91E+05 ± 2.66E+04 (+) 1.85E+07 ± 2.61E+06 (-) 6.53E+03 ± 2.01E+06 (-) 2.20E-01 ± 5.10E-01 (+) 3.24E+01 ± 3.69E+01 (-) 1.97E+03 ± 1.92E+02 (-) 1.94E+06 ± 1.05E+05 (-) 1.30E+08 ± 1.68E+08 (+)

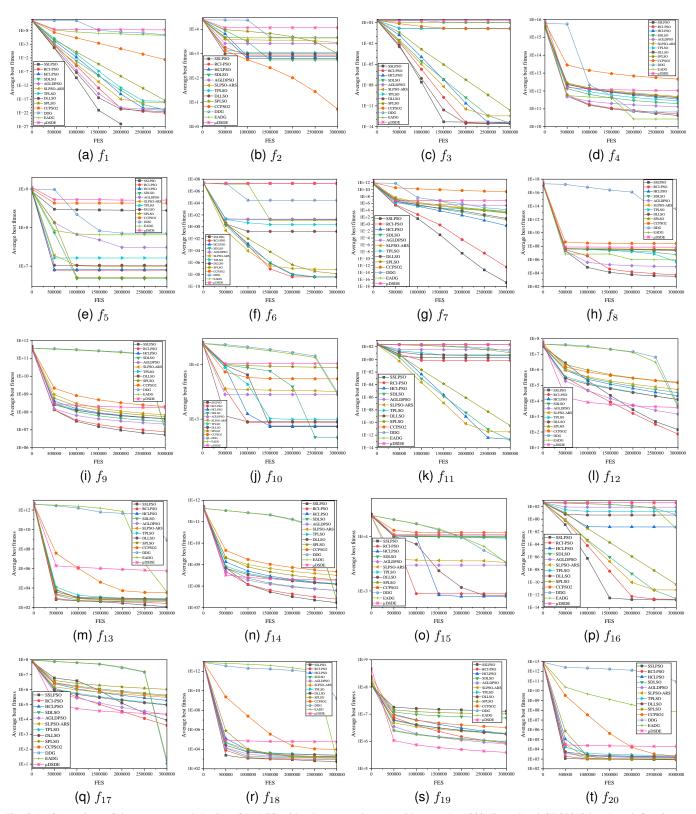


Fig. S.1. Comparison of the convergence behavior of BLPSO with other comparison algorithms on the 1000-dimensional CEC2010 benchmark functions.

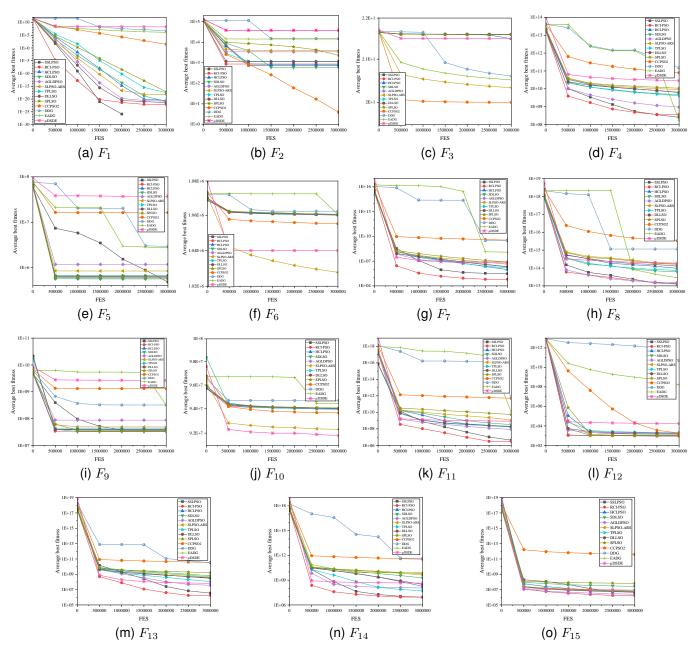


Fig. S.2. Comparison of the convergence behavior of BLPSO with other comparison algorithms on the 1000-dimensional CEC2013 benchmark functions.