PAPER

Supplementary File for "Hierarchical Chaotic Wingsuit Flying Search Algorithm with Balanced Exploitation and Exploration for Optimization"

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In this file, we provide supplementary materials regarding the algorithm "A Four-layered Hierarchical Chaotic Wingsuit Flying Search" (MCWFS). Tables 2—4 give the results on 30 IEEE CEC2017 functions with 30, 50, and 100 dimensions. It consists of 30 functions, including uni-modal functions (F1-F3), multi-modal functions (F4-F10), hybrid functions (F11-F20), and composite functions (F21-F30). The experiment results on IEEE CEC2011 are given on Table 1.

DOI: 10.1587/transfun.E0.A.1

Table 1 Experimental results of MCWFS and other state-of-the-art competitors on 22 CEC2011 benchmark functions.

	MCWFS	CWFS	WFS	CCWFSSE
FUN	ERROR ± STD	ERROR ± STD	ERROR ± STD	ERROR ± STD
G1	1.773E+01 ± 4.551E+00	$1.850E+01 \pm 4.776E+00 \approx$	2.198E+01 ± 2.663E+00 +	9.110E+00 ± 5.455E+00 -
G2	$-1.907E+01 \pm 3.378E+00$	$-1.929E+01 \pm 3.320E+00 \approx$	$-1.156E+01 \pm 2.351E+00 +$	$-1.232E+01 \pm 2.586E+00 +$
G3	$1.151E-05 \pm 2.249E-14$	$1.151E-05 \pm 3.444E-14 \approx$	1.151E-05 ± 1.006E-12 +	1.151E-05 ± 6.966E-19 -
G4	$1.692E+01 \pm 2.841E+00$	$1.696E+01 \pm 2.759E+00 \approx$	$1.694E+01 \pm 2.831E+00 \approx$	1.745E+01 ± 3.359E+00 ≈
G5	$-3.382E+01 \pm 1.767E+00$	$-3.375E+01 \pm 1.862E+00 \approx$	$-2.953E+01 \pm 3.209E+00 +$	$-2.984E+01 \pm 2.935E+00 +$
G6	$-2.422E+01 \pm 3.023E+00$	-2.419E+01 ± 3.309E+00 ≈	$-2.141E+01 \pm 3.251E+00 +$	$-2.224E+01 \pm 2.940E+00 +$
G7	$6.830E-01 \pm 1.007E-01$	6.968E-01 ± 1.136E-01 ≈	1.120E+00 ± 1.766E-01 +	1.114E+00 ± 1.668E-01 +
G8	$2.272E+02 \pm 9.827E+00$	$2.273E+02 \pm 8.141E+00 \approx$	$2.426E+02 \pm 1.190E+01 +$	$2.202E+02 \pm 1.400E+00 -$
G9	$1.574E+05 \pm 5.913E+04$	2.166E+05 ± 7.427E+04 +	$8.013E+05 \pm 1.003E+05 +$	1.770E+06 ± 1.388E+05 +
G10	$-1.913E+01 \pm 2.427E+00$	-1.860E+01 ± 2.597E+00 ≈	-1.171E+01 ± 1.838E+00 +	$-1.688E+01 \pm 2.017E+00 +$
G11	$5.188E+04 \pm 5.637E+02$	5.211E+04 ± 5.812E+02 +	4.183E+05 ± 1.344E+05 +	1.598E+06 ± 1.723E+05 +
G12	$2.248E+07 \pm 4.894E+05$	2.340E+07 ± 5.855E+05 +	2.494E+07 ± 4.744E+05 +	4.347E+07 ± 1.076E+06 +
G13	$1.548E+04 \pm 2.185E+01$	$1.548E+04 \pm 2.060E+01 \approx$	$1.548E+04 \pm 2.286E+01 \approx$	$1.546E+04 \pm 9.263E+00 -$
G14	$1.907E+04 \pm 1.206E+02$	1.913E+04 ± 1.215E+02 +	1.915E+04 ± 1.600E+02 +	1.913E+04 ± 1.879E+02 +
G15	$3.308E+04 \pm 9.287E+01$	$3.309E+04 \pm 7.295E+01 \approx$	3.755E+04 ± 1.728E+04 +	$3.364E+04 \pm 3.569E+03 +$
G16	$1.336E+05 \pm 2.883E+03$	$1.362E+05 \pm 2.861E+03 +$	1.395E+05 ± 3.277E+03 +	1.408E+05 ± 4.971E+03 +
G17	$1.920E+06 \pm 1.420E+04$	1.928E+06 ± 1.051E+04 +	1.948E+06 ± 9.147E+03 +	$3.134E+08 \pm 6.084E+08 +$
G18	$9.434E+05 \pm 2.552E+03$	$9.451E+05 \pm 2.483E+03 +$	1.162E+06 ± 2.781E+05 +	$3.295E+07 \pm 7.989E+06 +$
G19	$9.773E+05 \pm 3.055E+04$	1.045E+06 ± 4.628E+04 +	1.903E+06 ± 7.896E+05 +	$3.751E+07 \pm 1.010E+07 +$
G20	$9.436E+05 \pm 2.544E+03$	9.450E+05 ± 2.595E+03 +	1.177E+06 ± 3.366E+05 +	$3.286E+07 \pm 7.478E+06 +$
G21	$1.531E+01 \pm 2.837E+00$	$1.585E+01 \pm 3.403E+00 \approx$	2.175E+01 ± 3.832E+00 +	$2.349E+01 \pm 3.552E+00 +$
G22	$2.010E+01 \pm 3.349E+00$	2.139E+01 ± 3.721E+00 +	2.646E+01 ± 3.394E+00 +	$3.470E+01 \pm 5.386E+00 +$
	+/≈/-	10/12/0	20/2/0	17/1/4
	HGSA	GLPSO	IMODE	SIS
	ERROR ± STD	ERROR ± STD	ERROR ± STD	ERROR ± STD
G1	1.417E+01 ± 6.503E+00 -	1.234E+01 ± 5.582E+00 -	2.479E+01 ± 3.729E+00 +	1.779E+01 ± 4.611E+00 ≈
G2			l	
U2	$-2.456E+01 \pm 2.283E+00 -$	$-1.645E+01 \pm 4.390E+00 +$	-2.244E+00 ± 4.192E-01 +	$-1.492E+01 \pm 4.053E+00 +$
G2 G3	-2.456E+01 ± 2.283E+00 – 1.151E-05 ± 1.927E-12 +	-1.645E+01 ± 4.390E+00 + 1.151E-05 ± 7.394E-18 +	-2.244E+00 ± 4.192E-01 + 1.151E-05 ± 1.790E-11 +	-1.492E+01 ± 4.053E+00 + 1.151E-05 ± 3.838E-16 +
G3	$1.151E-05 \pm 1.927E-12 +$ $1.752E+01 \pm 1.377E+00 \approx$ $-3.301E+01 \pm 2.108E+00 +$	1.151E-05 ± 7.394E-18 +	1.151E-05 ± 1.790E-11 +	1.151E-05 ± 3.838E-16 +
G3 G4	$1.151E-05 \pm 1.927E-12 + 1.752E+01 \pm 1.377E+00 \approx$	1.151E-05 ± 7.394E-18 + 1.750E+01 ± 2.079E+00 ≈	1.151E-05 ± 1.790E-11 + 2.165E+01 ± 8.897E-01 +	1.151E-05 ± 3.838E-16 + 1.993E+01 ± 2.997E+00 +
G3 G4 G5 G6 G7	$1.151E-05 \pm 1.927E-12 +$ $1.752E+01 \pm 1.377E+00 \approx$ $-3.301E+01 \pm 2.108E+00 +$	$1.151E-05 \pm 7.394E-18 +$ $1.750E+01 \pm 2.079E+00 \approx$ $-2.517E+01 \pm 2.629E+00 +$ $-2.074E+01 \pm 3.021E+00 +$ $1.705E+00 \pm 1.194E-01 +$	1.151E-05 ± 1.790E-11 + 2.165E+01 ± 8.897E-01 + -1.197E+01 ± 1.428E+00 +	1.151E-05 ± 3.838E-16 + 1.993E+01 ± 2.997E+00 + -3.222E+01 ± 3.366E+00 +
G3 G4 G5 G6	$1.151E-05 \pm 1.927E-12 +$ $1.752E+01 \pm 1.377E+00 \approx$ $-3.301E+01 \pm 2.108E+00 +$ $-2.190E+01 \pm 2.297E+00 +$	1.151E-05 ± 7.394E-18 + 1.750E+01 ± 2.079E+00 ≈ -2.517E+01 ± 2.629E+00 + -2.074E+01 ± 3.021E+00 +	1.151E-05 ± 1.790E-11 + 2.165E+01 ± 8.897E-01 + -1.197E+01 ± 1.428E+00 + 1.175E+01 ± 2.834E+01 +	1.151E-05 ± 3.838E-16 + 1.993E+01 ± 2.997E+00 + -3.222E+01 ± 3.366E+00 + -1.358E+01 ± 1.220E+00 +
G3 G4 G5 G6 G7	$\begin{array}{l} 1.151\text{E-}05\pm1.927\text{E-}12+\\ 1.752\text{E+}01\pm1.377\text{E+}00\approx\\ -3.301\text{E+}01\pm2.108\text{E+}00+\\ -2.190\text{E+}01\pm2.297\text{E+}00+\\ 7.128\text{E-}01\pm1.318\text{E-}01\approx \end{array}$	$1.151E-05 \pm 7.394E-18 +$ $1.750E+01 \pm 2.079E+00 \approx$ $-2.517E+01 \pm 2.629E+00 +$ $-2.074E+01 \pm 3.021E+00 +$ $1.705E+00 \pm 1.194E-01 +$	1.151E-05 ± 1.790E-11 + 2.165E+01 ± 8.897E-01 + -1.197E+01 ± 1.428E+00 + 1.175E+01 ± 2.834E+01 + 2.471E+00 ± 2.533E-01 +	1.151E-05 ± 3.838E-16 + 1.993E+01 ± 2.997E+00 + -3.222E+01 ± 3.366E+00 + -1.358E+01 ± 1.220E+00 + 9.553E-01 ± 3.309E-01 +
G3 G4 G5 G6 G7 G8	$1.151E-05 \pm 1.927E-12 +$ $1.752E+01 \pm 1.377E+00 \approx$ $-3.301E+01 \pm 2.108E+00 +$ $-2.190E+01 \pm 2.297E+00 +$ $7.128E-01 \pm 1.318E-01 \approx$ $2.204E+02 \pm 2.135E+00 -$	$\begin{array}{c} 1.151\text{E-}05 \pm 7.394\text{E-}18 + \\ 1.750\text{E+}01 \pm 2.079\text{E+}00 \approx \\ -2.517\text{E+}01 \pm 2.629\text{E+}00 + \\ -2.074\text{E+}01 \pm 3.021\text{E+}00 + \\ 1.705\text{E+}00 \pm 1.194\text{E-}01 + \\ \textbf{2.200\text{E+}02} \pm \textbf{0.000\text{E+}00} - \end{array}$	1.151E-05 ± 1.790E-11 + 2.165E+01 ± 8.897E-01 + -1.197E+01 ± 1.428E+00 + 1.175E+01 ± 2.834E+01 + 2.471E+00 ± 2.533E-01 + 2.184E+03 ± 9.807E+02 +	1.151E-05 ± 3.838E-16 + 1.993E+01 ± 2.997E+00 + -3.222E+01 ± 3.366E+00 + -1.358E+01 ± 1.220E+00 + 9.553E-01 ± 3.309E-01 + 2.279E+02 ± 1.094E+01 ≈
G3 G4 G5 G6 G7 G8 G9 G10 G11	$1.151E-05 \pm 1.927E-12 +$ $1.752E+01 \pm 1.377E+00 \approx$ $-3.301E+01 \pm 2.108E+00 +$ $-2.190E+01 \pm 2.297E+00 +$ $7.128E-01 \pm 1.318E-01 \approx$ $2.204E+02 \pm 2.135E+00 2.101E+05 \pm 3.875E+04 +$	$1.151E-05 \pm 7.394E-18 +$ $1.750E+01 \pm 2.079E+00 \approx$ $-2.517E+01 \pm 2.629E+00 +$ $-2.074E+01 \pm 3.021E+00 +$ $1.705E+00 \pm 1.194E-01 +$ $2.200E+02 \pm 0.000E+00 1.331E+06 \pm 7.222E+04 +$	1.151E-05 ± 1.790E-11 + 2.165E+01 ± 8.897E-01 + -1.197E+01 ± 1.428E+00 + 1.175E+01 ± 2.834E+01 + 2.471E+00 ± 2.533E-01 + 2.184E+03 ± 9.807E+02 + 2.876E+06 ± 1.039E+05 +	$1.151E-05 \pm 3.838E-16 +$ $1.993E+01 \pm 2.997E+00 +$ $-3.222E+01 \pm 3.366E+00 +$ $-1.358E+01 \pm 1.220E+00 +$ $9.553E-01 \pm 3.309E-01 +$ $2.279E+02 \pm 1.094E+01 \approx$ $1.702E+05 \pm 5.916E+04 \approx$
G3 G4 G5 G6 G7 G8 G9 G10	$\begin{array}{l} 1.151\text{E-}05\pm1.927\text{E-}12+\\ 1.752\text{E+}01\pm1.377\text{E+}00\approx\\ -3.301\text{E+}01\pm2.108\text{E+}00+\\ -2.190\text{E+}01\pm2.297\text{E+}00+\\ 7.128\text{E-}01\pm1.318\text{E-}01\approx\\ 2.204\text{E+}02\pm2.135\text{E+}00-\\ 2.101\text{E+}05\pm3.875\text{E+}04+\\ -1.286\text{E+}01\pm6.137\text{E-}01+\\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 7.394\text{E-}18 + \\ 1.750\text{E+}01 \pm 2.079\text{E+}00 \approx \\ -2.517\text{E+}01 \pm 2.629\text{E+}00 + \\ -2.074\text{E+}01 \pm 3.021\text{E+}00 + \\ 1.705\text{E+}00 \pm 1.194\text{E-}01 + \\ \textbf{2.200E+}02 \pm \textbf{0.000E+}00 - \\ 1.331\text{E+}06 \pm 7.222\text{E+}04 + \\ -1.839\text{E+}01 \pm 1.952\text{E+}00 + \\ \end{array}$	1.151E-05 ± 1.790E-11 + 2.165E+01 ± 8.897E-01 + -1.197E+01 ± 1.428E+00 + 1.175E+01 ± 2.834E+01 + 2.471E+00 ± 2.533E-01 + 2.184E+03 ± 9.807E+02 + 2.876E+06 ± 1.039E+05 + -1.008E+01 ± 4.597E+00 +	$1.151E-05 \pm 3.838E-16 +$ $1.993E+01 \pm 2.997E+00 +$ $-3.222E+01 \pm 3.366E+00 +$ $-1.358E+01 \pm 1.220E+00 +$ $9.553E-01 \pm 3.309E-01 +$ $2.279E+02 \pm 1.094E+01 \approx$ $1.702E+05 \pm 5.916E+04 \approx$ $-1.616E+01 \pm 5.290E+00 +$
G3 G4 G5 G6 G7 G8 G9 G10 G11	$\begin{array}{c} 1.151\text{E-}05\pm1.927\text{E-}12+\\ 1.752\text{E+}01\pm1.377\text{E+}00\approx\\ -3.301\text{E+}01\pm2.108\text{E+}00+\\ -2.190\text{E+}01\pm2.297\text{E+}00+\\ 7.128\text{E-}01\pm1.318\text{E-}01\approx\\ 2.204\text{E+}02\pm2.135\text{E+}00-\\ 2.101\text{E+}05\pm3.875\text{E+}04+\\ -1.286\text{E+}01\pm6.137\text{E-}01+\\ \textbf{5.120\text{E+}04}\pm\textbf{4.833\text{E+}02}-\\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 7.394\text{E-}18 + \\ 1.750\text{E+}01 \pm 2.079\text{E+}00 \approx \\ -2.517\text{E+}01 \pm 2.629\text{E+}00 + \\ -2.074\text{E+}01 \pm 3.021\text{E+}00 + \\ 1.705\text{E+}00 \pm 1.194\text{E-}01 + \\ \textbf{2.200E+}02 \pm \textbf{0.000E+}00 - \\ 1.331\text{E+}06 \pm 7.222\text{E+}04 + \\ -1.839\text{E+}01 \pm 1.952\text{E+}00 + \\ 3.949\text{E+}05 \pm 2.065\text{E+}05 + \\ \end{array}$	1.151E-05 ± 1.790E-11 + 2.165E+01 ± 8.897E-01 + -1.197E+01 ± 1.428E+00 + 1.175E+01 ± 2.834E+01 + 2.471E+00 ± 2.533E-01 + 2.184E+03 ± 9.807E+02 + 2.876E+06 ± 1.039E+05 + -1.008E+01 ± 4.597E+00 + 2.649E+08 ± 2.422E+07 +	$\begin{array}{c} 1.151\text{E-}05 \pm 3.838\text{E-}16 + \\ 1.993\text{E+}01 \pm 2.997\text{E+}00 + \\ -3.222\text{E+}01 \pm 3.366\text{E+}00 + \\ -1.358\text{E+}01 \pm 1.220\text{E+}00 + \\ 9.553\text{E-}01 \pm 3.309\text{E-}01 + \\ 2.279\text{E+}02 \pm 1.094\text{E+}01 \approx \\ 1.702\text{E+}05 \pm 5.916\text{E+}04 \approx \\ -1.616\text{E+}01 \pm 5.290\text{E+}00 + \\ 5.260\text{E+}04 \pm 5.432\text{E+}02 + \end{array}$
G3 G4 G5 G6 G7 G8 G9 G10 G11 G12	$\begin{array}{l} 1.151\text{E-}05\pm1.927\text{E-}12+\\ 1.752\text{E+}01\pm1.377\text{E+}00\approx\\ -3.301\text{E+}01\pm2.108\text{E+}00+\\ -2.190\text{E+}01\pm2.297\text{E+}00+\\ 7.128\text{E-}01\pm1.318\text{E-}01\approx\\ 2.204\text{E+}02\pm2.135\text{E+}00-\\ 2.101\text{E+}05\pm3.875\text{E+}04+\\ -1.286\text{E+}01\pm6.137\text{E-}01+\\ \textbf{5.120\text{E+}04}\pm\textbf{4.833\text{E+}02}-\\ \textbf{2.050\text{E+}07}\pm\textbf{1.768\text{E+}05}-\\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 7.394\text{E-}18 + \\ 1.750\text{E+}01 \pm 2.079\text{E+}00 \approx \\ -2.517\text{E+}01 \pm 2.629\text{E+}00 + \\ -2.074\text{E+}01 \pm 3.021\text{E+}00 + \\ 1.705\text{E+}00 \pm 1.194\text{E-}01 + \\ \textbf{2.200E+}02 \pm \textbf{0.000E+}00 - \\ 1.331\text{E+}06 \pm 7.222\text{E+}04 + \\ -1.839\text{E+}01 \pm 1.952\text{E+}00 + \\ 3.949\text{E+}05 \pm 2.065\text{E+}05 + \\ 3.577\text{E+}07 \pm 7.933\text{E+}05 + \\ \end{array}$	1.151E-05 ± 1.790E-11 + 2.165E+01 ± 8.897E-01 + -1.197E+01 ± 1.428E+00 + 1.175E+01 ± 2.834E+01 + 2.471E+00 ± 2.533E-01 + 2.184E+03 ± 9.807E+02 + 2.876E+06 ± 1.039E+05 + -1.008E+01 ± 4.597E+00 + 2.649E+08 ± 2.422E+07 + 5.584E+07 ± 9.539E+05 +	$\begin{array}{c} 1.151\text{E-}05 \pm 3.838\text{E-}16 + \\ 1.993\text{E+}01 \pm 2.997\text{E+}00 + \\ -3.222\text{E+}01 \pm 3.366\text{E+}00 + \\ -1.358\text{E+}01 \pm 1.220\text{E+}00 + \\ 9.553\text{E-}01 \pm 3.309\text{E-}01 + \\ 2.279\text{E+}02 \pm 1.094\text{E+}01 \approx \\ 1.702\text{E+}05 \pm 5.916\text{E+}04 \approx \\ -1.616\text{E+}01 \pm 5.290\text{E+}00 + \\ 5.260\text{E+}04 \pm 5.432\text{E+}02 + \\ 2.288\text{E+}07 \pm 6.181\text{E+}05 + \\ \end{array}$
G3 G4 G5 G6 G7 G8 G9 G10 G11 G12 G13	$\begin{array}{l} 1.151\text{E-}05\pm1.927\text{E-}12+\\ 1.752\text{E+}01\pm1.377\text{E+}00\approx\\ -3.301\text{E+}01\pm2.108\text{E+}00+\\ -2.190\text{E+}01\pm2.297\text{E+}00+\\ 7.128\text{E-}01\pm1.318\text{E-}01\approx\\ 2.204\text{E+}02\pm2.135\text{E+}00-\\ 2.101\text{E+}05\pm3.875\text{E+}04+\\ -1.286\text{E+}01\pm6.137\text{E-}01+\\ \textbf{5.120\text{E+}04}\pm\textbf{4.833\text{E+}02}-\\ \textbf{2.050\text{E+}07}\pm\textbf{1.768\text{E+}05}-\\ 4.673\text{E+}04\pm3.697\text{E+}04+\\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 7.394\text{E-}18 + \\ 1.750\text{E+}01 \pm 2.079\text{E+}00 \approx \\ -2.517\text{E+}01 \pm 2.629\text{E+}00 + \\ -2.074\text{E+}01 \pm 3.021\text{E+}00 + \\ 1.705\text{E+}00 \pm 1.194\text{E-}01 + \\ \textbf{2.200E+}02 \pm \textbf{0.000E+}00 - \\ 1.331\text{E+}06 \pm 7.222\text{E+}04 + \\ -1.839\text{E+}01 \pm 1.952\text{E+}00 + \\ 3.949\text{E+}05 \pm 2.065\text{E+}05 + \\ 3.577\text{E+}07 \pm 7.933\text{E+}05 + \\ 1.547\text{E+}04 \pm 1.610\text{E+}01 - \\ \end{array}$	1.151E-05 ± 1.790E-11 + 2.165E+01 ± 8.897E-01 + -1.197E+01 ± 1.428E+00 + 1.175E+01 ± 2.834E+01 + 2.471E+00 ± 2.533E-01 + 2.184E+03 ± 9.807E+02 + 2.876E+06 ± 1.039E+05 + -1.008E+01 ± 4.597E+00 + 2.649E+08 ± 2.422E+07 + 5.584E+07 ± 9.539E+05 + 3.071E+04 ± 2.486E+04 +	$\begin{array}{c} 1.151\text{E-}05 \pm 3.838\text{E-}16 + \\ 1.993\text{E+}01 \pm 2.997\text{E+}00 + \\ -3.222\text{E+}01 \pm 3.366\text{E+}00 + \\ -1.358\text{E+}01 \pm 1.220\text{E+}00 + \\ 9.553\text{E-}01 \pm 3.309\text{E-}01 + \\ 2.279\text{E+}02 \pm 1.094\text{E+}01 \approx \\ 1.702\text{E+}05 \pm 5.916\text{E+}04 \approx \\ -1.616\text{E+}01 \pm 5.290\text{E+}00 + \\ 5.260\text{E+}04 \pm 5.432\text{E+}02 + \\ 2.288\text{E+}07 \pm 6.181\text{E+}05 + \\ 1.547\text{E+}04 \pm 1.934\text{E+}01 \approx \\ \end{array}$
G3 G4 G5 G6 G7 G8 G9 G10 G11 G12 G13 G14 G15 G16	$\begin{array}{l} 1.151\text{E-}05\pm1.927\text{E-}12+\\ 1.752\text{E+}01\pm1.377\text{E+}00\approx\\ -3.301\text{E+}01\pm2.108\text{E+}00+\\ -2.190\text{E+}01\pm2.297\text{E+}00+\\ 7.128\text{E-}01\pm1.318\text{E-}01\approx\\ 2.204\text{E+}02\pm2.135\text{E+}00-\\ 2.101\text{E+}05\pm3.875\text{E+}04+\\ -1.286\text{E+}01\pm6.137\text{E-}01+\\ \textbf{5.120\text{E+}04}\pm\textbf{4.833\text{E+}02}-\\ \textbf{2.050\text{E+}07}\pm\textbf{1.768\text{E+}05}-\\ 4.673\text{E+}04\pm3.697\text{E+}04+\\ 1.914\text{E+}04\pm1.348\text{E+}02+\\ 3.325\text{E+}04\pm2.413\text{E+}01+\\ 1.430\text{E+}05\pm2.014\text{E+}03+\\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 7.394\text{E-}18 + \\ 1.750\text{E+}01 \pm 2.079\text{E+}00 \approx \\ -2.517\text{E+}01 \pm 2.629\text{E+}00 + \\ -2.074\text{E+}01 \pm 3.021\text{E+}00 + \\ 1.705\text{E+}00 \pm 1.194\text{E-}01 + \\ \textbf{2.200\text{E+}02} \pm \textbf{0.000\text{E+}00} - \\ 1.331\text{E+}06 \pm 7.222\text{E+}04 + \\ -1.839\text{E+}01 \pm 1.952\text{E+}00 + \\ 3.949\text{E+}05 \pm 2.065\text{E+}05 + \\ 3.577\text{E+}07 \pm 7.933\text{E+}05 + \\ 1.547\text{E+}04 \pm 1.610\text{E+}01 - \\ 1.921\text{E+}04 \pm 1.747\text{E+}02 + \\ 3.312\text{E+}04 \pm 9.556\text{E+}01 + \\ 1.383\text{E+}05 \pm 2.295\text{E+}03 + \\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 1.790\text{E-}11 + \\ 2.165\text{E+}01 \pm 8.897\text{E-}01 + \\ -1.197\text{E+}01 \pm 1.428\text{E+}00 + \\ 1.175\text{E+}01 \pm 2.834\text{E+}01 + \\ 2.471\text{E+}00 \pm 2.533\text{E-}01 + \\ 2.184\text{E+}03 \pm 9.807\text{E+}02 + \\ 2.876\text{E+}06 \pm 1.039\text{E+}05 + \\ -1.008\text{E+}01 \pm 4.597\text{E+}00 + \\ 2.649\text{E+}08 \pm 2.422\text{E+}07 + \\ 5.584\text{E+}07 \pm 9.539\text{E+}05 + \\ 3.071\text{E+}04 \pm 2.486\text{E+}04 + \\ 1.928\text{E+}04 \pm 1.156\text{E+}02 \approx \\ 2.139\text{E+}05 \pm 2.661\text{E+}05 + \\ 4.623\text{E+}07 \pm 1.419\text{E+}07 + \\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 3.838\text{E-}16 + \\ 1.993\text{E+}01 \pm 2.997\text{E+}00 + \\ -3.222\text{E+}01 \pm 3.366\text{E+}00 + \\ -1.358\text{E+}01 \pm 1.220\text{E+}00 + \\ 9.553\text{E-}01 \pm 3.309\text{E-}01 + \\ 2.279\text{E+}02 \pm 1.094\text{E+}01 \approx \\ 1.702\text{E+}05 \pm 5.916\text{E+}04 \approx \\ -1.616\text{E+}01 \pm 5.290\text{E+}00 + \\ 5.260\text{E+}04 \pm 5.432\text{E+}02 + \\ 2.288\text{E+}07 \pm 6.181\text{E+}05 + \\ 1.547\text{E+}04 \pm 1.934\text{E+}01 \approx \\ 1.935\text{E+}04 \pm 2.449\text{E+}02 + \\ 3.359\text{E+}04 \pm 3.315\text{E+}03 + \\ 1.394\text{E+}05 \pm 2.849\text{E+}03 + \\ \end{array}$
G3 G4 G5 G6 G7 G8 G9 G10 G11 G12 G13 G14 G15 G16 G17	$\begin{array}{l} 1.151\text{E-}05\pm1.927\text{E-}12+\\ 1.752\text{E+}01\pm1.377\text{E+}00\approx\\ -3.301\text{E+}01\pm2.108\text{E+}00+\\ -2.190\text{E+}01\pm2.297\text{E+}00+\\ 7.128\text{E-}01\pm1.318\text{E-}01\approx\\ 2.204\text{E+}02\pm2.135\text{E+}00-\\ 2.101\text{E+}05\pm3.875\text{E+}04+\\ -1.286\text{E+}01\pm6.137\text{E-}01+\\ 5.120\text{E+}04\pm4.833\text{E+}02-\\ 2.050\text{E+}07\pm1.768\text{E+}05-\\ 4.673\text{E+}04\pm3.697\text{E+}04+\\ 1.914\text{E+}04\pm1.348\text{E+}02+\\ 3.325\text{E+}04\pm2.413\text{E+}01+\\ 1.430\text{E+}05\pm2.014\text{E+}03+\\ 1.941\text{E+}06\pm6.685\text{E+}03+\\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 7.394\text{E-}18 + \\ 1.750\text{E+}01 \pm 2.079\text{E+}00 \approx \\ -2.517\text{E+}01 \pm 2.629\text{E+}00 + \\ -2.074\text{E+}01 \pm 3.021\text{E+}00 + \\ 1.705\text{E+}00 \pm 1.194\text{E-}01 + \\ \textbf{2.200E+}02 \pm \textbf{0.000E+}00 - \\ 1.331\text{E+}06 \pm 7.222\text{E+}04 + \\ -1.839\text{E+}01 \pm 1.952\text{E+}00 + \\ 3.949\text{E+}05 \pm 2.065\text{E+}05 + \\ 3.577\text{E+}07 \pm 7.933\text{E+}05 + \\ 1.547\text{E+}04 \pm 1.610\text{E+}01 - \\ 1.921\text{E+}04 \pm 1.747\text{E+}02 + \\ 3.312\text{E+}04 \pm 9.556\text{E+}01 + \\ 1.383\text{E+}05 \pm 2.295\text{E+}03 + \\ 2.028\text{E+}06 \pm 8.295\text{E+}04 + \\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 1.790\text{E-}11 + \\ 2.165\text{E+}01 \pm 8.897\text{E-}01 + \\ -1.197\text{E+}01 \pm 1.428\text{E+}00 + \\ 1.175\text{E+}01 \pm 2.834\text{E+}01 + \\ 2.471\text{E+}00 \pm 2.533\text{E-}01 + \\ 2.184\text{E+}03 \pm 9.807\text{E+}02 + \\ 2.876\text{E+}06 \pm 1.039\text{E+}05 + \\ -1.008\text{E+}01 \pm 4.597\text{E+}00 + \\ 2.649\text{E+}08 \pm 2.422\text{E+}07 + \\ 5.584\text{E+}07 \pm 9.539\text{E+}05 + \\ 3.071\text{E+}04 \pm 2.486\text{E+}04 + \\ 1.928\text{E+}04 \pm 1.156\text{E+}02 \approx \\ 2.139\text{E+}05 \pm 2.661\text{E+}05 + \\ 4.623\text{E+}07 \pm 1.419\text{E+}07 + \\ 1.165\text{E+}10 \pm 1.959\text{E+}09 + \\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 3.838\text{E-}16 + \\ 1.993\text{E+}01 \pm 2.997\text{E+}00 + \\ -3.222\text{E+}01 \pm 3.366\text{E+}00 + \\ -1.358\text{E+}01 \pm 1.220\text{E+}00 + \\ 9.553\text{E-}01 \pm 3.309\text{E-}01 + \\ 2.279\text{E+}02 \pm 1.094\text{E+}01 \approx \\ 1.702\text{E+}05 \pm 5.916\text{E+}04 \approx \\ -1.616\text{E+}01 \pm 5.290\text{E+}00 + \\ 5.260\text{E+}04 \pm 5.432\text{E+}02 + \\ 2.288\text{E+}07 \pm 6.181\text{E+}05 + \\ 1.547\text{E+}04 \pm 1.934\text{E+}01 \approx \\ 1.935\text{E+}04 \pm 2.449\text{E+}02 + \\ 3.359\text{E+}04 \pm 3.315\text{E+}03 + \\ 1.394\text{E+}05 \pm 2.849\text{E+}03 + \\ 2.030\text{E+}06 \pm 1.757\text{E+}05 + \\ \end{array}$
G3 G4 G5 G6 G7 G8 G9 G10 G11 G12 G13 G14 G15 G16 G17 G18	$\begin{array}{l} 1.151\text{E-}05\pm1.927\text{E-}12+\\ 1.752\text{E+}01\pm1.377\text{E+}00\approx\\ -3.301\text{E+}01\pm2.108\text{E+}00+\\ -2.190\text{E+}01\pm2.297\text{E+}00+\\ 7.128\text{E-}01\pm1.318\text{E-}01\approx\\ 2.204\text{E+}02\pm2.135\text{E+}00-\\ 2.101\text{E+}05\pm3.875\text{E+}04+\\ -1.286\text{E+}01\pm6.137\text{E-}01+\\ \textbf{5.120\text{E+}04}\pm\textbf{4.833\text{E+}02}-\\ \textbf{2.050\text{E+}07}\pm\textbf{1.768\text{E+}05}-\\ 4.673\text{E+}04\pm3.697\text{E+}04+\\ 1.914\text{E+}04\pm1.348\text{E+}02+\\ 3.325\text{E+}04\pm2.413\text{E+}01+\\ 1.430\text{E+}05\pm2.014\text{E+}03+\\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 7.394\text{E-}18 + \\ 1.750\text{E+}01 \pm 2.079\text{E+}00 \approx \\ -2.517\text{E+}01 \pm 2.629\text{E+}00 + \\ -2.074\text{E+}01 \pm 3.021\text{E+}00 + \\ 1.705\text{E+}00 \pm 1.194\text{E-}01 + \\ \textbf{2.200\text{E+}02} \pm \textbf{0.000\text{E+}00} - \\ 1.331\text{E+}06 \pm 7.222\text{E+}04 + \\ -1.839\text{E+}01 \pm 1.952\text{E+}00 + \\ 3.949\text{E+}05 \pm 2.065\text{E+}05 + \\ 3.577\text{E+}07 \pm 7.933\text{E+}05 + \\ 1.547\text{E+}04 \pm 1.610\text{E+}01 - \\ 1.921\text{E+}04 \pm 1.747\text{E+}02 + \\ 3.312\text{E+}04 \pm 9.556\text{E+}01 + \\ 1.383\text{E+}05 \pm 2.295\text{E+}03 + \\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 1.790\text{E-}11 + \\ 2.165\text{E+}01 \pm 8.897\text{E-}01 + \\ -1.197\text{E+}01 \pm 1.428\text{E+}00 + \\ 1.175\text{E+}01 \pm 2.834\text{E+}01 + \\ 2.471\text{E+}00 \pm 2.533\text{E-}01 + \\ 2.184\text{E+}03 \pm 9.807\text{E+}02 + \\ 2.876\text{E+}06 \pm 1.039\text{E+}05 + \\ -1.008\text{E+}01 \pm 4.597\text{E+}00 + \\ 2.649\text{E+}08 \pm 2.422\text{E+}07 + \\ 5.584\text{E+}07 \pm 9.539\text{E+}05 + \\ 3.071\text{E+}04 \pm 2.486\text{E+}04 + \\ 1.928\text{E+}04 \pm 1.156\text{E+}02 \approx \\ 2.139\text{E+}05 \pm 2.661\text{E+}05 + \\ 4.623\text{E+}07 \pm 1.419\text{E+}07 + \\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 3.838\text{E-}16 + \\ 1.993\text{E+}01 \pm 2.997\text{E+}00 + \\ -3.222\text{E+}01 \pm 3.366\text{E+}00 + \\ -1.358\text{E+}01 \pm 1.220\text{E+}00 + \\ 9.553\text{E-}01 \pm 3.309\text{E-}01 + \\ 2.279\text{E+}02 \pm 1.094\text{E+}01 \approx \\ 1.702\text{E+}05 \pm 5.916\text{E+}04 \approx \\ -1.616\text{E+}01 \pm 5.290\text{E+}00 + \\ 5.260\text{E+}04 \pm 5.432\text{E+}02 + \\ 2.288\text{E+}07 \pm 6.181\text{E+}05 + \\ 1.547\text{E+}04 \pm 1.934\text{E+}01 \approx \\ 1.935\text{E+}04 \pm 2.449\text{E+}02 + \\ 3.359\text{E+}04 \pm 3.315\text{E+}03 + \\ 1.394\text{E+}05 \pm 2.849\text{E+}03 + \\ 2.030\text{E+}06 \pm 1.757\text{E+}05 + \\ 9.511\text{E+}05 \pm 2.668\text{E+}04 + \\ \end{array}$
G3 G4 G5 G6 G7 G8 G9 G10 G11 G12 G13 G14 G15 G16 G17 G18 G19	$\begin{array}{l} 1.151\text{E-}05\pm1.927\text{E-}12+\\ 1.752\text{E+}01\pm1.377\text{E+}00\approx\\ -3.301\text{E+}01\pm2.108\text{E+}00+\\ -2.190\text{E+}01\pm2.297\text{E+}00+\\ 7.128\text{E-}01\pm1.318\text{E-}01\approx\\ 2.204\text{E+}02\pm2.135\text{E+}00-\\ 2.101\text{E+}05\pm3.875\text{E+}04+\\ -1.286\text{E+}01\pm6.137\text{E-}01+\\ 5.120\text{E+}04\pm4.833\text{E+}02-\\ 2.050\text{E+}07\pm1.768\text{E+}05-\\ 4.673\text{E+}04\pm3.697\text{E+}04+\\ 1.914\text{E+}04\pm1.348\text{E+}02+\\ 3.325\text{E+}04\pm2.413\text{E+}01+\\ 1.430\text{E+}05\pm2.014\text{E+}03+\\ 1.941\text{E+}06\pm6.685\text{E+}03+\\ 9.436\text{E+}05\pm1.688\text{E+}03\approx\\ 1.189\text{E+}06\pm1.018\text{E+}05+\\ \end{array}$	$\begin{array}{l} 1.151\text{E-}05 \pm 7.394\text{E-}18 + \\ 1.750\text{E+}01 \pm 2.079\text{E+}00 \approx \\ -2.517\text{E+}01 \pm 2.629\text{E+}00 + \\ -2.074\text{E+}01 \pm 3.021\text{E+}00 + \\ 1.705\text{E+}00 \pm 1.194\text{E-}01 + \\ \textbf{2.200\text{E+}02} \pm \textbf{0.000\text{E+}00} - \\ 1.331\text{E+}06 \pm 7.222\text{E+}04 + \\ -1.839\text{E+}01 \pm 1.952\text{E+}00 + \\ 3.949\text{E+}05 \pm 2.065\text{E+}05 + \\ 3.577\text{E+}07 \pm 7.933\text{E+}05 + \\ 1.547\text{E+}04 \pm 1.610\text{E+}01 - \\ 1.921\text{E+}04 \pm 1.747\text{E+}02 + \\ 3.312\text{E+}04 \pm 9.556\text{E+}01 + \\ 1.383\text{E+}05 \pm 2.295\text{E+}03 + \\ 2.028\text{E+}06 \pm 8.295\text{E+}04 + \\ 1.395\text{E+}07 \pm 3.240\text{E+}06 + \\ 1.570\text{E+}07 \pm 3.952\text{E+}06 + \\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 1.790\text{E-}11 + \\ 2.165\text{E+}01 \pm 8.897\text{E-}01 + \\ -1.197\text{E+}01 \pm 1.428\text{E+}00 + \\ 1.175\text{E+}01 \pm 2.834\text{E+}01 + \\ 2.471\text{E+}00 \pm 2.533\text{E-}01 + \\ 2.184\text{E+}03 \pm 9.807\text{E+}02 + \\ 2.876\text{E+}06 \pm 1.039\text{E+}05 + \\ -1.008\text{E+}01 \pm 4.597\text{E+}00 + \\ 2.649\text{E+}08 \pm 2.422\text{E+}07 + \\ 5.584\text{E+}07 \pm 9.539\text{E+}05 + \\ 3.071\text{E+}04 \pm 2.486\text{E+}04 + \\ 1.928\text{E+}04 \pm 1.156\text{E+}02 \approx \\ 2.139\text{E+}05 \pm 2.661\text{E+}05 + \\ 4.623\text{E+}07 \pm 1.419\text{E+}07 + \\ 1.165\text{E+}10 \pm 1.959\text{E+}09 + \\ 1.225\text{E+}08 \pm 9.029\text{E+}06 + \\ 1.236\text{E+}08 \pm 8.986\text{E+}06 + \\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 3.838\text{E-}16 + \\ 1.993\text{E+}01 \pm 2.997\text{E+}00 + \\ -3.222\text{E+}01 \pm 3.366\text{E+}00 + \\ -1.358\text{E+}01 \pm 1.220\text{E+}00 + \\ 9.553\text{E-}01 \pm 3.309\text{E-}01 + \\ 2.279\text{E+}02 \pm 1.094\text{E+}01 \approx \\ 1.702\text{E+}05 \pm 5.916\text{E+}04 \approx \\ -1.616\text{E+}01 \pm 5.290\text{E+}00 + \\ 5.260\text{E+}04 \pm 5.432\text{E+}02 + \\ 2.288\text{E+}07 \pm 6.181\text{E+}05 + \\ 1.547\text{E+}04 \pm 1.934\text{E+}01 \approx \\ 1.935\text{E+}04 \pm 2.449\text{E+}02 + \\ 3.359\text{E+}04 \pm 3.315\text{E+}03 + \\ 1.394\text{E+}05 \pm 2.849\text{E+}03 + \\ 2.030\text{E+}06 \pm 1.757\text{E+}05 + \\ 9.511\text{E+}05 \pm 2.668\text{E+}04 + \\ 1.132\text{E+}06 \pm 1.016\text{E+}05 + \\ \end{array}$
G3 G4 G5 G6 G7 G8 G9 G10 G11 G12 G13 G14 G15 G16 G17 G18	$\begin{array}{l} 1.151\text{E-}05\pm1.927\text{E-}12+\\ 1.752\text{E+}01\pm1.377\text{E+}00\approx\\ -3.301\text{E+}01\pm2.108\text{E+}00+\\ -2.190\text{E+}01\pm2.297\text{E+}00+\\ 7.128\text{E-}01\pm1.318\text{E-}01\approx\\ 2.204\text{E+}02\pm2.135\text{E+}00-\\ 2.101\text{E+}05\pm3.875\text{E+}04+\\ -1.286\text{E+}01\pm6.137\text{E-}01+\\ \textbf{5.120\text{E+}04}\pm\textbf{4.833\text{E+}02}-\\ \textbf{2.050\text{E+}07}\pm1.768\text{E+}05-\\ 4.673\text{E+}04\pm3.697\text{E+}04+\\ 1.914\text{E+}04\pm1.348\text{E+}02+\\ 3.325\text{E+}04\pm2.413\text{E+}01+\\ 1.430\text{E+}05\pm2.014\text{E+}03+\\ 1.941\text{E+}06\pm6.685\text{E+}03+\\ 9.436\text{E+}05\pm1.688\text{E+}03\approx\\ \end{array}$	$\begin{array}{l} 1.151\text{E-}05 \pm 7.394\text{E-}18 + \\ 1.750\text{E+}01 \pm 2.079\text{E+}00 \approx \\ -2.517\text{E+}01 \pm 2.629\text{E+}00 + \\ -2.074\text{E+}01 \pm 3.021\text{E+}00 + \\ 1.705\text{E+}00 \pm 1.194\text{E-}01 + \\ \textbf{2.200\text{E+}02} \pm \textbf{0.000\text{E+}00} - \\ 1.331\text{E+}06 \pm 7.222\text{E+}04 + \\ -1.839\text{E+}01 \pm 1.952\text{E+}00 + \\ 3.949\text{E+}05 \pm 2.065\text{E+}05 + \\ 3.577\text{E+}07 \pm 7.933\text{E+}05 + \\ 1.547\text{E+}04 \pm 1.610\text{E+}01 - \\ 1.921\text{E+}04 \pm 1.747\text{E+}02 + \\ 3.312\text{E+}04 \pm 9.556\text{E+}01 + \\ 1.383\text{E+}05 \pm 2.295\text{E+}03 + \\ 2.028\text{E+}06 \pm 8.295\text{E+}04 + \\ 1.395\text{E+}07 \pm 3.240\text{E+}06 + \\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 1.790\text{E-}11 + \\ 2.165\text{E+}01 \pm 8.897\text{E-}01 + \\ -1.197\text{E+}01 \pm 1.428\text{E+}00 + \\ 1.175\text{E+}01 \pm 2.834\text{E+}01 + \\ 2.471\text{E+}00 \pm 2.533\text{E-}01 + \\ 2.184\text{E+}03 \pm 9.807\text{E+}02 + \\ 2.876\text{E+}06 \pm 1.039\text{E+}05 + \\ -1.008\text{E+}01 \pm 4.597\text{E+}00 + \\ 2.649\text{E+}08 \pm 2.422\text{E+}07 + \\ 5.584\text{E+}07 \pm 9.539\text{E+}05 + \\ 3.071\text{E+}04 \pm 2.486\text{E+}04 + \\ 1.928\text{E+}04 \pm 1.156\text{E+}02 \approx \\ 2.139\text{E+}05 \pm 2.661\text{E+}05 + \\ 4.623\text{E+}07 \pm 1.419\text{E+}07 + \\ 1.165\text{E+}10 \pm 1.959\text{E+}09 + \\ 1.225\text{E+}08 \pm 9.029\text{E+}06 + \\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 3.838\text{E-}16 + \\ 1.993\text{E+}01 \pm 2.997\text{E+}00 + \\ -3.222\text{E+}01 \pm 3.366\text{E+}00 + \\ -1.358\text{E+}01 \pm 1.220\text{E+}00 + \\ 9.553\text{E-}01 \pm 3.309\text{E-}01 + \\ 2.279\text{E+}02 \pm 1.094\text{E+}01 \approx \\ 1.702\text{E+}05 \pm 5.916\text{E+}04 \approx \\ -1.616\text{E+}01 \pm 5.290\text{E+}00 + \\ 5.260\text{E+}04 \pm 5.432\text{E+}02 + \\ 2.288\text{E+}07 \pm 6.181\text{E+}05 + \\ 1.547\text{E+}04 \pm 1.934\text{E+}01 \approx \\ 1.935\text{E+}04 \pm 2.449\text{E+}02 + \\ 3.359\text{E+}04 \pm 3.315\text{E+}03 + \\ 1.394\text{E+}05 \pm 2.849\text{E+}03 + \\ 2.030\text{E+}06 \pm 1.757\text{E+}05 + \\ 9.511\text{E+}05 \pm 2.668\text{E+}04 + \\ \end{array}$
G3 G4 G5 G6 G7 G8 G9 G10 G11 G12 G13 G14 G15 G16 G17 G18 G19 G20 G21	$\begin{array}{l} 1.151\text{E-}05\pm1.927\text{E-}12+\\ 1.752\text{E+}01\pm1.377\text{E+}00\approx\\ -3.301\text{E+}01\pm2.108\text{E+}00+\\ -2.190\text{E+}01\pm2.297\text{E+}00+\\ 7.128\text{E-}01\pm1.318\text{E-}01\approx\\ 2.204\text{E+}02\pm2.135\text{E+}00-\\ 2.101\text{E+}05\pm3.875\text{E+}04+\\ -1.286\text{E+}01\pm6.137\text{E-}01+\\ 5.120\text{E+}04\pm4.833\text{E+}02-\\ 2.050\text{E+}07\pm1.768\text{E+}05-\\ 4.673\text{E+}04\pm3.697\text{E+}04+\\ 1.914\text{E+}04\pm1.348\text{E+}02+\\ 3.325\text{E+}04\pm2.413\text{E+}01+\\ 1.430\text{E+}05\pm2.014\text{E+}03+\\ 1.941\text{E+}06\pm6.685\text{E+}03+\\ 9.436\text{E+}05\pm1.688\text{E+}03\approx\\ 1.189\text{E+}06\pm1.018\text{E+}05+\\ \end{array}$	$\begin{array}{l} 1.151\text{E-}05 \pm 7.394\text{E-}18 + \\ 1.750\text{E+}01 \pm 2.079\text{E+}00 \approx \\ -2.517\text{E+}01 \pm 2.629\text{E+}00 + \\ -2.074\text{E+}01 \pm 3.021\text{E+}00 + \\ 1.705\text{E+}00 \pm 1.194\text{E-}01 + \\ \textbf{2.200\text{E+}02} \pm \textbf{0.000\text{E+}00} - \\ 1.331\text{E+}06 \pm 7.222\text{E+}04 + \\ -1.839\text{E+}01 \pm 1.952\text{E+}00 + \\ 3.949\text{E+}05 \pm 2.065\text{E+}05 + \\ 3.577\text{E+}07 \pm 7.933\text{E+}05 + \\ 1.547\text{E+}04 \pm 1.610\text{E+}01 - \\ 1.921\text{E+}04 \pm 1.747\text{E+}02 + \\ 3.312\text{E+}04 \pm 9.556\text{E+}01 + \\ 1.383\text{E+}05 \pm 2.295\text{E+}03 + \\ 2.028\text{E+}06 \pm 8.295\text{E+}04 + \\ 1.395\text{E+}07 \pm 3.240\text{E+}06 + \\ 1.570\text{E+}07 \pm 3.952\text{E+}06 + \\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 1.790\text{E-}11 + \\ 2.165\text{E+}01 \pm 8.897\text{E-}01 + \\ -1.197\text{E+}01 \pm 1.428\text{E+}00 + \\ 1.175\text{E+}01 \pm 2.834\text{E+}01 + \\ 2.471\text{E+}00 \pm 2.533\text{E-}01 + \\ 2.184\text{E+}03 \pm 9.807\text{E+}02 + \\ 2.876\text{E+}06 \pm 1.039\text{E+}05 + \\ -1.008\text{E+}01 \pm 4.597\text{E+}00 + \\ 2.649\text{E+}08 \pm 2.422\text{E+}07 + \\ 5.584\text{E+}07 \pm 9.539\text{E+}05 + \\ 3.071\text{E+}04 \pm 2.486\text{E+}04 + \\ 1.928\text{E+}04 \pm 1.156\text{E+}02 \approx \\ 2.139\text{E+}05 \pm 2.661\text{E+}05 + \\ 4.623\text{E+}07 \pm 1.419\text{E+}07 + \\ 1.165\text{E+}10 \pm 1.959\text{E+}09 + \\ 1.225\text{E+}08 \pm 9.029\text{E+}06 + \\ 1.236\text{E+}08 \pm 8.986\text{E+}06 + \\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 3.838\text{E-}16 + \\ 1.993\text{E+}01 \pm 2.997\text{E+}00 + \\ -3.222\text{E+}01 \pm 3.366\text{E+}00 + \\ -1.358\text{E+}01 \pm 1.220\text{E+}00 + \\ 9.553\text{E-}01 \pm 3.309\text{E-}01 + \\ 2.279\text{E+}02 \pm 1.094\text{E+}01 \approx \\ 1.702\text{E+}05 \pm 5.916\text{E+}04 \approx \\ -1.616\text{E+}01 \pm 5.290\text{E+}00 + \\ 5.260\text{E+}04 \pm 5.432\text{E+}02 + \\ 2.288\text{E+}07 \pm 6.181\text{E+}05 + \\ 1.547\text{E+}04 \pm 1.934\text{E+}01 \approx \\ 1.935\text{E+}04 \pm 2.449\text{E+}02 + \\ 3.359\text{E+}04 \pm 3.315\text{E+}03 + \\ 1.394\text{E+}05 \pm 2.849\text{E+}03 + \\ 2.030\text{E+}06 \pm 1.757\text{E+}05 + \\ 9.511\text{E+}05 \pm 2.668\text{E+}04 + \\ 1.132\text{E+}06 \pm 1.016\text{E+}05 + \\ \end{array}$
G3 G4 G5 G6 G7 G8 G9 G10 G11 G12 G13 G14 G15 G16 G17 G18 G19 G20	$\begin{array}{l} 1.151\text{E-}05\pm1.927\text{E-}12+\\ 1.752\text{E+}01\pm1.377\text{E+}00\approx\\ -3.301\text{E+}01\pm2.108\text{E+}00+\\ -2.190\text{E+}01\pm2.297\text{E+}00+\\ 7.128\text{E-}01\pm1.318\text{E-}01\approx\\ 2.204\text{E+}02\pm2.135\text{E+}00-\\ 2.101\text{E+}05\pm3.875\text{E+}04+\\ -1.286\text{E+}01\pm6.137\text{E-}01+\\ 5.120\text{E+}04\pm4.833\text{E+}02-\\ 2.050\text{E+}07\pm1.768\text{E+}05-\\ 4.673\text{E+}04\pm3.697\text{E+}04+\\ 1.914\text{E+}04\pm1.348\text{E+}02+\\ 3.325\text{E+}04\pm2.413\text{E+}01+\\ 1.430\text{E+}05\pm2.014\text{E+}03+\\ 1.941\text{E+}06\pm6.685\text{E+}03+\\ 9.436\text{E+}05\pm1.688\text{E+}03\approx\\ 1.189\text{E+}06\pm1.018\text{E+}05+\\ 9.438\text{E+}05\pm1.906\text{E+}03\approx\\ \end{array}$	$\begin{array}{l} 1.151\text{E-}05 \pm 7.394\text{E-}18 + \\ 1.750\text{E+}01 \pm 2.079\text{E+}00 \approx \\ -2.517\text{E+}01 \pm 2.629\text{E+}00 + \\ -2.074\text{E+}01 \pm 3.021\text{E+}00 + \\ 1.705\text{E+}00 \pm 1.194\text{E-}01 + \\ \textbf{2.200\text{E+}02} \pm \textbf{0.000\text{E+}00} - \\ 1.331\text{E+}06 \pm 7.222\text{E+}04 + \\ -1.839\text{E+}01 \pm 1.952\text{E+}00 + \\ 3.949\text{E+}05 \pm 2.065\text{E+}05 + \\ 3.577\text{E+}07 \pm 7.933\text{E+}05 + \\ 1.547\text{E+}04 \pm 1.610\text{E+}01 - \\ 1.921\text{E+}04 \pm 1.747\text{E+}02 + \\ 3.312\text{E+}04 \pm 9.556\text{E+}01 + \\ 1.383\text{E+}05 \pm 2.295\text{E+}03 + \\ 2.028\text{E+}06 \pm 8.295\text{E+}04 + \\ 1.395\text{E+}07 \pm 3.240\text{E+}06 + \\ 1.570\text{E+}07 \pm 3.952\text{E+}06 + \\ 1.441\text{E+}07 \pm 3.586\text{E+}06 + \\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 1.790\text{E-}11 + \\ 2.165\text{E+}01 \pm 8.897\text{E-}01 + \\ -1.197\text{E+}01 \pm 1.428\text{E+}00 + \\ 1.175\text{E+}01 \pm 2.834\text{E+}01 + \\ 2.471\text{E+}00 \pm 2.533\text{E-}01 + \\ 2.184\text{E+}03 \pm 9.807\text{E+}02 + \\ 2.876\text{E+}06 \pm 1.039\text{E+}05 + \\ -1.008\text{E+}01 \pm 4.597\text{E+}00 + \\ 2.649\text{E+}08 \pm 2.422\text{E+}07 + \\ 5.584\text{E+}07 \pm 9.539\text{E+}05 + \\ 3.071\text{E+}04 \pm 2.486\text{E+}04 + \\ 1.928\text{E+}04 \pm 1.156\text{E+}02 \approx \\ 2.139\text{E+}05 \pm 2.661\text{E+}05 + \\ 4.623\text{E+}07 \pm 1.419\text{E+}07 + \\ 1.165\text{E+}10 \pm 1.959\text{E+}09 + \\ 1.225\text{E+}08 \pm 9.029\text{E+}06 + \\ 1.236\text{E+}08 \pm 9.029\text{E+}06 + \\ 1.225\text{E+}08 \pm 9.029\text{E+}06 + \\ \end{array}$	$\begin{array}{c} 1.151\text{E-}05 \pm 3.838\text{E-}16 + \\ 1.993\text{E+}01 \pm 2.997\text{E+}00 + \\ -3.222\text{E+}01 \pm 3.366\text{E+}00 + \\ -1.358\text{E+}01 \pm 1.220\text{E+}00 + \\ 9.553\text{E-}01 \pm 3.309\text{E-}01 + \\ 2.279\text{E+}02 \pm 1.094\text{E+}01 \approx \\ 1.702\text{E+}05 \pm 5.916\text{E+}04 \approx \\ -1.616\text{E+}01 \pm 5.290\text{E+}00 + \\ 5.260\text{E+}04 \pm 5.432\text{E+}02 + \\ 2.288\text{E+}07 \pm 6.181\text{E+}05 + \\ 1.547\text{E+}04 \pm 1.934\text{E+}01 \approx \\ 1.935\text{E+}04 \pm 2.449\text{E+}02 + \\ 3.359\text{E+}04 \pm 3.315\text{E+}03 + \\ 1.394\text{E+}05 \pm 2.849\text{E+}03 + \\ 2.030\text{E+}06 \pm 1.757\text{E+}05 + \\ 9.511\text{E+}05 \pm 2.668\text{E+}04 + \\ 1.132\text{E+}06 \pm 1.016\text{E+}05 + \\ 9.486\text{E+}05 \pm 1.117\text{E+}04 + \\ \end{array}$

Table 2 Experimental results of MCWFS and other state-of-the-art competitors on 30 CEC2017 benchmark functions (D = 30).

	MCWFS	CWFS	WFS	CCWFSSE
FUN	ERROR ± STD	ERROR ± STD	ERROR ± STD	ERROR ± STD
F1	$4.276E+03 \pm 4.200E+03$	$4.194E+03 \pm 4.692E+03 \approx$	$7.061E+08 \pm 3.322E+08 +$	1.697E+09 ± 9.678E+08 +
F2	$1.016E+06 \pm 4.190E+06$	$1.015E+08 \pm 5.666E+08 +$	$3.638E+28 \pm 1.613E+29 +$	$1.123E+27 \pm 4.232E+27 +$
F3	$2.336E-01 \pm 2.783E-01$	6.862E-01 ± 1.087E+00 +	$1.500E+04 \pm 4.385E+03 +$	$1.939E+04 \pm 6.346E+03 +$
F4	$8.043E+01 \pm 2.464E+01$	$8.752E+01 \pm 1.281E+01 \approx$	2.454E+02 ± 5.224E+01 +	$2.553E+02 \pm 7.085E+01 +$
F5	6.645E+01 ± 1.702E+01	$6.548E+01 \pm 1.331E+01 \approx$	1.447E+02 ± 2.978E+01 +	$1.477E+02 \pm 3.180E+01 +$
F6	$3.159E+00 \pm 2.555E+00$	$2.736E+00 \pm 1.957E+00 \approx$	2.550E+01 ± 5.934E+00 +	$2.380E+01 \pm 6.219E+00 +$
F7	$9.825E+01 \pm 1.457E+01$	$9.886E+01 \pm 1.372E+01 \approx$	2.344E+02 ± 3.747E+01 +	2.623E+02 ± 3.592E+01 +
	$6.307E+01 \pm 1.348E+01$	$6.348E+01 \pm 1.344E+01 \approx$	$1.350E+02 \pm 3.097E+01 +$	
F8		l .	l .	1.408E+02 ± 3.450E+01 +
F9	$9.448E+00 \pm 9.583E+00$	$1.369E+01 \pm 1.221E+01 +$	$1.769E+03 \pm 1.126E+03 +$	$2.062E+03 \pm 1.067E+03 +$
F10	$2.371E+03 \pm 4.400E+02$	$2.417E+03 \pm 3.761E+02 \approx$	4.599E+03 ± 6.497E+02 +	$4.422E+03 \pm 6.962E+02 +$
F11	$1.009E+02 \pm 3.197E+01$	$1.063E+02 \pm 4.113E+01 \approx$	$3.211E+02 \pm 6.943E+01 +$	$2.897E+02 \pm 5.959E+01 +$
F12	$1.786E+05 \pm 2.096E+05$	1.156E+06 ± 1.153E+06 +	9.802E+07 ± 7.885E+07 +	5.959E+07 ± 3.995E+07 +
F13	$2.015E+04 \pm 1.241E+04$	4.012E+04 ± 2.257E+04 +	$7.474E+05 \pm 8.142E+05 +$	2.512E+06 ± 4.763E+06 +
F14	1.967E+02 ± 4.116E+01	1.325E+03 ± 1.951E+03 +	$7.673E+03 \pm 7.822E+03 +$	1.463E+04 ± 1.234E+04 +
F15	$6.704E+03 \pm 5.253E+03$	2.750E+04 ± 1.775E+04 +	$1.553E+05 \pm 1.581E+05 +$	1.961E+05 ± 1.857E+05 +
F16	$4.530E+02 \pm 1.733E+02$	$5.046E+02 \pm 1.677E+02 +$	9.717E+02 ± 2.496E+02 +	8.847E+02 ± 2.671E+02 +
			l .	
F17	1.459E+02 ± 7.120E+01	1.514E+02 ± 8.154E+01 ≈	3.222E+02 ± 1.068E+02 +	$2.854E+02 \pm 1.215E+02 +$
F18	$2.428E+04 \pm 1.406E+04$	$7.159E+04 \pm 3.975E+04 +$	$2.156E+05 \pm 1.481E+05 +$	$3.582E+05 \pm 3.680E+05 +$
F19	$7.107E+03 \pm 1.163E+04$	8.852E+04 ± 9.108E+04 +	$1.104E+06 \pm 1.130E+06 +$	$4.128E+05 \pm 3.178E+05 +$
F20	$2.436E+02 \pm 9.637E+01$	$2.470E+02 \pm 8.115E+01 \approx$	$3.918E+02 \pm 1.084E+02 +$	$3.507E+02 \pm 1.316E+02 +$
F21	$2.597E+02 \pm 1.314E+01$	$2.620E+02 \pm 1.374E+01 \approx$	3.332E+02 ± 2.850E+01 +	$3.335E+02 \pm 2.876E+01 +$
F22	$1.000E+02 \pm 1.525E-02$	1.000E+02 ± 4.060E-02 +	$3.027E+02 \pm 8.436E+01 +$	$3.888E+02 \pm 1.181E+02 +$
F23	4.157E+02 ± 1.555E+01	4.113E+02 ± 1.536E+01 -	5.310E+02 ± 3.988E+01 +	$5.035E+02 \pm 3.233E+01 +$
F24	$4.735E+02 \pm 1.452E+01$	$4.738E+02 \pm 1.458E+01 \approx$	5.791E+02 ± 3.661E+01 +	$5.715E+02 \pm 2.405E+01 +$
F25	$3.873E+02 \pm 2.454E+00$	$3.871E+02 \pm 2.262E+00 \approx$	$5.235E+02 \pm 3.617E+01 +$	5.290E+02 ± 4.507E+01 +
F26	$1.476E+03 \pm 4.442E+02$	$3.871E+02 \pm 2.202E+00 \approx$ $1.365E+03 \pm 5.930E+02 \approx$	$2.537E+03 \pm 7.018E+02 +$	2.206E+03 ± 8.242E+02 +
F27	$5.180E+02 \pm 1.354E+01$	5.218E+02 ± 1.440E+01 ≈	6.188E+02 ± 3.091E+01 +	5.269E+02 ± 3.616E+01 ≈
F28	$3.614E+02 \pm 4.767E+01$	$3.871E+02 \pm 4.326E+01 +$	$6.325E+02 \pm 7.868E+01 +$	$6.323E+02 \pm 8.293E+01 +$
F29	$5.965E+02 \pm 7.869E+01$	6.539E+02 ± 9.960E+01 +	$1.005E+03 \pm 1.440E+02 +$	$8.018E+02 \pm 1.651E+02 +$
F30	$1.346E+05 \pm 1.151E+05$	$5.325E+05 \pm 5.060E+05 +$	$6.895E+06 \pm 5.630E+06 +$	$2.463E+06 \pm 2.175E+06 +$
	+/≈/-	14/15/1	30/0/0	30/0/0
	HGSA	GLPSO	IMODE	SIS
	ERROR ± STD	ERROR ± STD	ERROR ± STD	ERROR ± STD
F1	$2.840E+03 \pm 2.594E+03 \approx$	$1.021E+04 \pm 4.648E+04 \approx$	9.104E-03 ± 1.751E-03 -	$4.006E+03 \pm 4.457E+03 \approx$
F2	2.099E+06 ± 1.053E+07 -	1.296E+20 ± 9.254E+20 +	$3.014E+01 \pm 1.801E+02 -$	1.049E-04 ± 5.491E-05 -
F3	4.483E+04 ± 3.635E+03 +	2.444E+04 ± 2.347E+04 +	$1.920\text{E-}07 \pm 5.003\text{E-}09 -$	2.973E+03 ± 1.693E+04 -
F4	1.191E+02 ± 2.162E+00 +	$5.113E+02 \pm 2.489E+01 +$	$1.146E+01 \pm 2.175E+01 -$	7.895E+01 ± 3.875E+01 +
F5	1.512E+02 ± 1.378E+01 +	5.660E+02 ± 1.923E+01 +	9.258E+01 ± 2.002E+01 +	1.000E+02 ± 2.696E+01 +
F6	8.907E+00 ± 5.917E+00 +	6.002E+02 ± 8.388E-02 +	$9.787E+00 \pm 2.669E+00 +$	$2.548E+00 \pm 2.507E+00 -$
F7	$4.026E+01 \pm 2.373E+00 -$	8.244E+02 ± 2.205E+01 +	1.580E+02 ± 2.741E+01 +	$1.374E+02 \pm 2.497E+01 +$
F8	$1.042E+02 \pm 8.634E+00 +$	$8.700E+02 \pm 1.622E+01 +$	9.049E+01 ± 1.327E+01 +	$9.834E+01 \pm 2.217E+01 +$
F9	$0.000E+00 \pm 0.000E+00 -$	1.294E+03 ± 3.297E+02 +	$1.078E+03 \pm 3.404E+02 +$	$2.761E+01 \pm 6.264E+01 +$
F10	$3.183E+03 \pm 4.953E+02 +$	3.479E+03 ± 4.621E+02 +	2.589E+03 ± 4.650E+02 +	$3.249E+03 \pm 6.333E+02 +$
F11	$9.613E+01 \pm 2.995E+01 \approx$	1.556E+03 ± 5.338E+02 +	1.320E+02 ± 4.943E+01 +	1.462E+02 ± 5.379E+01 +
F12	$1.352E+05 \pm 7.134E+04 \approx$	$2.435E+06 \pm 2.049E+06 +$	$1.224E+03 \pm 3.897E+02 -$	$7.465E+05 \pm 7.161E+05 +$
F13	$1.246E+04 \pm 5.262E+03 -$	$2.306E+04 \pm 4.393E+04 -$	$2.449E+02 \pm 1.043E+02 -$	8.048E+04 ± 5.943E+04 +
F14	$7.247E+03 \pm 5.060E+03 +$	$1.526E+05 \pm 3.494E+05 +$	$1.373E+02 \pm 4.446E+01 -$	$4.630E+03 \pm 4.918E+03 +$
F15	$7.404E+02 \pm 5.807E+02 -$	$4.771E+03 \pm 4.049E+03 -$	$1.098E+02 \pm 4.257E+01 -$	$4.189E+06 \pm 2.952E+07 +$
F16	1.153E+03 ± 1.854E+02 +	2.632E+03 ± 2.853E+02 +	6.631E+02 ± 2.031E+02 +	$7.098E+02 \pm 2.971E+02 +$
F17	$1.044E+03 \pm 1.917E+02 +$	$2.125E+03 \pm 2.061E+02 +$	1.901E+02 ± 8.919E+01 +	$2.344E+02 \pm 1.084E+02 +$
F18	6.117E+04 ± 1.949E+04 +	$7.314E+05 \pm 1.344E+06 +$	$8.212E+01 \pm 2.599E+01 -$	$1.444E+05 \pm 9.140E+04 +$
F19	$2.867E+03 \pm 1.178E+03 \approx$	$8.744E+03 \pm 7.691E+03 +$	$2.208E+02 \pm 7.484E+01 -$	$1.307E+05 \pm 6.491E+04 +$
F20	9.078E+02 ± 1.924E+02 +	$2.414E+03 \pm 1.702E+02 +$	$1.354E+02 \pm 7.375E+01 -$	$4.455E+02 \pm 1.828E+02 +$
F21	$3.209E+02 \pm 3.573E+01 +$	2.374E+03 ± 1.868E+01 +	$1.012E+02 \pm 1.717E+00 -$	2.948E+02 ± 2.174E+01 +
F22	$1.911E+02 \pm 6.503E+02 -$	$3.061E+03 \pm 1.399E+03 +$	4.556E+02 ± 2.966E+01 +	$1.004E+02 \pm 1.014E+00 -$
F23	4.731E+02 ± 1.288E+02 +	$2.729E+03 \pm 2.025E+01 +$	$5.735E+02 \pm 9.761E+01 +$	4.431E+02 ± 2.524E+01 +
F24	5.182E+02 ± 3.940E+01 +	$2.918E+03 \pm 2.823E+01 +$ $2.918E+03 \pm 2.833E+01 +$	$7.249E+01 \pm 2.508E+01 -$	$5.074E+02 \pm 2.449E+01 +$
	1	$2.897E+03 \pm 2.853E+01 +$ $2.897E+03 \pm 1.353E+01 +$		$3.875E+02 \pm 5.082E+00 -$
F25	3.917E+02 ± 8.681E+00 +		3.914E+02 ± 1.343E+01 +	
F26	2.529E+02 ± 5.041E+01 -	4.688E+03 ± 2.828E+02 +	2.843E+02 ± 3.673E+01 -	1.659E+03 ± 6.587E+02 +
F27	5.552E+02 ± 2.297E+01 +	$3.240E+03 \pm 1.425E+01 +$	$5.466E+02 \pm 1.178E+01 +$	$5.199E+02 \pm 1.646E+01 \approx$
F28	$3.097E+02 \pm 2.705E+01 -$	$3.232E+03 \pm 3.025E+01 +$	3.299E+02 ± 5.577E+01 -	$3.553E+02 \pm 5.973E+01 -$
F29	$1.197E+03 \pm 2.137E+02 +$	$3.780E+03 \pm 2.189E+02 +$	$6.863E+02 \pm 9.191E+01 +$	$7.706E+02 \pm 1.609E+02 +$
F30	$7.428E+03 \pm 1.724E+03 -$	5.818E+04 ± 4.673E+04 -	$3.213E+03 \pm 7.184E+02 -$	$5.221E+05 \pm 3.810E+05 +$
	17/4/9	26/1/3	14/0/16	27/1/2
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Table 3 Experimental results of MCWFS and other state-of-the-art competitors on 30 CEC2017 benchmark functions (D = 50).

	Deficilitate functions(D		WEG.	COMEGGE
FUN	MCWFS	CWFS ERROR ± STD	WFS	CCWFSSE EDDOR - STD
- E1	ERROR ± STD		ERROR ± STD	ERROR ± STD 1.942E+10 ± 5.136E+09 +
F1	$7.205E+03 \pm 6.452E+03$	$8.669E+03 \pm 7.373E+03 \approx$	1.672E+09 ± 5.857E+08 +	
F2	$1.042E+13 \pm 5.386E+13$ $6.751E+00 \pm 2.415E+00$	2.150E+16 ± 7.511E+16 + 4.125E+01 ± 3.341E+01 +	$1.000E+30 \pm 2.843E+14 + $ $3.396E+04 \pm 5.752E+03 + $	1.312E+56 ± 8.683E+56 + 9.037E+04 ± 2.249E+04 +
F3 F4	$0.731E+00 \pm 2.413E+00$ $1.223E+02 \pm 4.548E+01$		$3.390E+04 \pm 3.732E+03 + 4.725E+02 \pm 1.192E+02 +$	
		$1.254E+02 \pm 4.691E+01 \approx$ $1.370E+02 \pm 2.619E+01 \approx$		$1.754E+03 \pm 7.056E+02 +$
F5	$1.359E+02 \pm 2.768E+01$		2.754E+02 ± 4.782E+01 +	3.918E+02 ± 5.646E+01 +
F6	$1.002E+01 \pm 4.584E+00$	1.177E+01 ± 4.660E+00 +	3.170E+01 ± 8.117E+00 +	4.741E+01 ± 8.644E+00 +
F7	2.039E+02 ± 3.239E+01	$2.005E+02 \pm 2.800E+01 \approx$	4.310E+02 ± 6.070E+01 +	6.105E+02 ± 5.956E+01 +
F8 F9	$1.313E+02 \pm 2.112E+01$	$1.372E+02 \pm 1.930E+01 + 1.482E+03 \pm 1.698E+03 \approx$	2.727E+02 ± 4.181E+01 + 7.835E+03 ± 4.195E+03 +	3.998E+02 ± 5.991E+01 +
	9.700E+02 ± 9.093E+02			1.756E+04 ± 4.961E+03 +
F10	$4.212E+03 \pm 6.525E+02$	$4.334E+03 \pm 5.383E+02 \approx$ $1.930E+02 \pm 4.615E+01 +$	$8.582E+03 \pm 1.036E+03 +$	9.398E+03 ± 1.141E+03 +
F11	$1.777E+02 \pm 4.343E+01$	$6.919E+06 \pm 3.808E+06 +$	6.736E+02 ± 1.194E+02 + 3.315E+08 ± 1.775E+08 +	1.626E+03 ± 5.505E+02 + 7.324E+08 ± 5.045E+08 +
F12 F13	1.825E+06 ± 1.263E+06 3.598E+04 ± 1.595E+04	5.887E+04 ± 2.707E+04 +	3.384E+06 ± 3.226E+06 +	2.071E+07 ± 3.420E+07 +
F13	$6.352E+02 \pm 3.988E+02$	$7.476E+03 \pm 7.940E+03 +$	1.115E+05 ± 9.378E+04 +	1.712E+05 ± 1.228E+05 +
F14 F15	$0.332E+02 \pm 3.988E+02$ $1.116E+04 \pm 6.935E+03$	$2.497E+04 \pm 1.375E+04 +$	$9.225E+05 \pm 9.578E+04 +$ $9.225E+05 \pm 1.021E+06 +$	$7.547E+06 \pm 1.023E+07 +$
	$7.773E+02 \pm 1.845E+02$		$9.223E+03 \pm 1.021E+00 +$ $1.793E+03 \pm 4.811E+02 +$	
F16		$7.741E+02 \pm 1.964E+02 \approx$		$1.778E+03 \pm 4.387E+02 +$
F17	$6.670E+02 \pm 1.544E+02$	6.738E+02 ± 1.624E+02 ≈	1.285E+03 ± 2.466E+02 +	1.568E+03 ± 3.121E+02 +
F18 F19	5.694E+04 ± 2.707E+04	1.061E+05 ± 4.855E+04 +	1.601E+06 ± 9.382E+05 +	2.081E+06 ± 1.858E+06 +
	$1.878E+04 \pm 1.938E+04$ $5.289E+02 \pm 1.657E+02$	1.155E+05 ± 1.312E+05 + 5.441E+02 ± 1.425E+02 ~	1.954E+06 ± 1.403E+06 +	8.660E+06 ± 6.988E+06 +
F20		$5.441E+02 \pm 1.425E+02 \approx$ $3.285E+02 \pm 2.300E+01 \approx$	9.669E+02 ± 2.346E+02 + 4.730E+02 ± 4.939E+01 +	1.062E+03 ± 3.004E+02 + 5.669E+02 ± 6.852E+01 +
F21 F22	3.270E+02 ± 2.243E+01 3.798E+03 ± 1.929E+03	$3.285E+02 \pm 2.300E+01 \approx$ $4.398E+03 \pm 1.578E+03 +$	$4.730E+02 \pm 4.939E+01 + 8.180E+03 \pm 2.080E+03 +$	$5.669E+02 \pm 6.852E+01 + 8.978E+03 \pm 1.800E+03 +$
F23 F24	$5.698E+02 \pm 3.489E+01$ 6.266E+02 ± 2.781E+01	$5.638E+02 \pm 3.345E+01 \approx$ $6.393E+02 \pm 2.831E+01 +$	8.064E+02 ± 6.412E+01 + 8.493E+02 ± 7.058E+01 +	9.066E+02 ± 6.912E+01 + 9.807E+02 ± 7.553E+01 +
	$5.056E+02 \pm 2.809E+01$	$5.088E+02 \pm 2.831E+01 +$ $5.088E+02 \pm 2.813E+01 \approx$	l .	
F25 F26	$3.030E+02 \pm 2.809E+01$ $2.619E+03 \pm 4.509E+02$	$3.088E+02 \pm 2.813E+01 \approx$ $2.560E+03 \pm 4.872E+02 \approx$	9.038E+02 ± 9.022E+01 + 4.742E+03 ± 5.017E+02 +	2.292E+03 ± 5.480E+02 + 5.946E+03 ± 9.692E+02 +
F20 F27	$6.206E+02 \pm 5.209E+01$	$6.284E+02 \pm 4.279E+01 \approx$	$1.069E+03 \pm 3.017E+02 +$ $1.069E+03 \pm 1.120E+02 +$	1.068E+03 ± 9.092E+02 +
F27 F28	$4.695E+02 \pm 1.786E+01$	$6.284E+02 \pm 4.279E+01 \approx$ $4.769E+02 \pm 2.196E+01 +$	$1.069E+03 \pm 1.120E+02 +$ $1.260E+03 \pm 3.099E+02 +$	$1.068E+03 \pm 1.031E+02 +$ $2.366E+03 \pm 8.532E+02 +$
F29	$9.624E+02 \pm 2.068E+02$	$9.637E+02 \pm 1.787E+02 \approx$	1.981E+03 ± 3.938E+02 +	2.108E+03 ± 4.416E+02 +
F29 F30	1.219E+07 ± 3.024E+06	$9.037E+02 \pm 1.787E+02 \approx$ 2.138E+07 ± 5.050E+06 +	1.981E+03 ± 3.986E+02 + 1.995E+08 ± 3.754E+07 +	1.360E+03 ± 4.410E+02 + 1.360E+08 ± 4.529E+07 +
		15/15/0		
	+/ ≈ /- HGS A		30/0/0 IMODE	29/1/0
	HGSA	GLPSO	IMODE	SIS
F1	HGSA ERROR ± STD	GLPSO ERROR ± STD	IMODE ERROR ± STD	SIS ERROR ± STD
F1	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 –	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 -	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 –	SIS ERROR \pm STD $8.183E+03 \pm 9.204E+03 \approx$
F2	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 – 2.450E+10 ± 1.017E+11 –	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 – 7.030E+31 ± 4.278E+32 +	SIS ERROR \pm STD $8.183E+03 \pm 9.204E+03 \approx$ $1.621E+11 \pm 9.369E+11 -$
F2 F3	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 – 2.450E+10 ± 1.017E+11 – 1.180E+05 ± 9.609E+03 +	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 – 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 –	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 −
F2 F3 F4	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 – 2.450E+10 ± 1.017E+11 – 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 +	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 – 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 – 3.217E+01 ± 4.497E+01 –	SIS ERROR ± STD $8.183E+03 \pm 9.204E+03 \approx$ $1.621E+11 \pm 9.369E+11 -$ $5.334E+02 \pm 3.616E+03 -$ $1.495E+02 \pm 5.303E+01 +$
F2 F3 F4 F5	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 - 2.450E+10 ± 1.017E+11 - 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 +	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 – 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 – 3.217E+01 ± 4.497E+01 – 2.860E+02 ± 3.159E+01 +	SIS ERROR ± STD $8.183E+03 \pm 9.204E+03 \approx$ $1.621E+11 \pm 9.369E+11 -$ $5.334E+02 \pm 3.616E+03 -$ $1.495E+02 \pm 5.303E+01 +$ $2.105E+02 \pm 3.573E+01 +$
F2 F3 F4 F5 F6	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 - 2.450E+10 ± 1.017E+11 - 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 +	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 – 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 – 3.217E+01 ± 4.497E+01 – 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 +	SIS ERROR ± STD $8.183E+03 \pm 9.204E+03 \approx$ $1.621E+11 \pm 9.369E+11 -$ $5.334E+02 \pm 3.616E+03 -$ $1.495E+02 \pm 5.303E+01 +$ $2.105E+02 \pm 3.573E+01 +$ $1.333E+01 \pm 6.169E+00 +$
F2 F3 F4 F5 F6 F7	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 - 2.450E+10 ± 1.017E+11 - 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 -	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 – 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 – 3.217E+01 ± 4.497E+01 – 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 +	SIS ERROR ± STD $8.183E+03 \pm 9.204E+03 \approx$ $1.621E+11 \pm 9.369E+11 -$ $5.334E+02 \pm 3.616E+03 -$ $1.495E+02 \pm 5.303E+01 +$ $2.105E+02 \pm 3.573E+01 +$ $1.333E+01 \pm 6.169E+00 +$ $2.922E+02 \pm 5.105E+01 +$
F2 F3 F4 F5 F6 F7 F8	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 - 2.450E+10 ± 1.017E+11 - 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 - 2.918E+02 ± 1.598E+01 +	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 - 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 - 3.217E+01 ± 4.497E+01 - 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 +	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 − 1.495E+02 ± 5.303E+01 + 2.105E+02 ± 3.573E+01 + 1.333E+01 ± 6.169E+00 + 2.922E+02 ± 5.105E+01 + 2.078E+02 ± 4.089E+01 +
F2 F3 F4 F5 F6 F7 F8 F9	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 - 2.450E+10 ± 1.017E+11 - 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 - 2.918E+02 ± 1.598E+01 + 1.133E+01 ± 8.092E+01 -	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 - 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 - 3.217E+01 ± 4.497E+01 - 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 + 8.924E+03 ± 1.547E+03 +	SIS ERROR ± STD $8.183E+03 \pm 9.204E+03 \approx$ $1.621E+11 \pm 9.369E+11 -$ $5.334E+02 \pm 3.616E+03 -$ $1.495E+02 \pm 5.303E+01 +$ $2.105E+02 \pm 3.573E+01 +$ $1.333E+01 \pm 6.169E+00 +$ $2.922E+02 \pm 5.105E+01 +$ $2.078E+02 \pm 4.089E+01 +$ $1.200E+03 \pm 1.265E+03 ≈$
F2 F3 F4 F5 F6 F7 F8 F9 F10	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 - 2.450E+10 ± 1.017E+11 - 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 - 2.918E+02 ± 1.598E+01 + 1.133E+01 ± 8.092E+01 - 5.747E+03 ± 5.409E+02 +	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 - 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 - 3.217E+01 ± 4.497E+01 - 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 +	SIS ERROR ± STD $8.183E+03 \pm 9.204E+03 \approx$ $1.621E+11 \pm 9.369E+11 -$ $5.334E+02 \pm 3.616E+03 -$ $1.495E+02 \pm 5.303E+01 +$ $2.105E+02 \pm 3.573E+01 +$ $1.333E+01 \pm 6.169E+00 +$ $2.922E+02 \pm 5.105E+01 +$ $2.078E+02 \pm 4.089E+01 +$ $1.200E+03 \pm 1.265E+03 \approx$ $5.759E+03 \pm 9.321E+02 +$
F2 F3 F4 F5 F6 F7 F8 F9 F10	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 - 2.450E+10 ± 1.017E+11 - 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 - 2.918E+02 ± 1.598E+01 + 1.133E+01 ± 8.092E+01 - 5.747E+03 ± 5.409E+02 + 1.262E+02 ± 1.365E+01 -	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 - 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 - 3.217E+01 ± 4.497E+01 - 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 + 8.924E+03 ± 1.547E+03 + 5.237E+03 ± 8.165E+02 + 2.316E+02 ± 6.981E+01 +	SIS ERROR ± STD $8.183E+03 \pm 9.204E+03 \approx$ $1.621E+11 \pm 9.369E+11 -$ $5.334E+02 \pm 3.616E+03 -$ $1.495E+02 \pm 5.303E+01 +$ $2.105E+02 \pm 3.573E+01 +$ $1.333E+01 \pm 6.169E+00 +$ $2.922E+02 \pm 5.105E+01 +$ $2.078E+02 \pm 4.089E+01 +$ $1.200E+03 \pm 1.265E+03 \approx$ $5.759E+03 \pm 9.321E+02 +$ $2.178E+02 \pm 5.622E+01 +$
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 - 2.450E+10 ± 1.017E+11 - 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 - 2.918E+02 ± 1.598E+01 + 1.133E+01 ± 8.092E+01 - 5.747E+03 ± 5.409E+02 + 1.262E+02 ± 1.365E+01 - 8.335E+05 ± 3.786E+05 -	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 + 1.251E+08 ± 3.145E+08 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 - 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 - 3.217E+01 ± 4.497E+01 - 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 + 8.924E+03 ± 1.547E+03 + 5.237E+03 ± 8.165E+02 +	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 − 1.495E+02 ± 5.303E+01 + 2.105E+02 ± 3.573E+01 + 1.333E+01 ± 6.169E+00 + 2.922E+02 ± 5.105E+01 + 2.078E+02 ± 4.089E+01 + 1.200E+03 ± 1.265E+03 ≈ 5.759E+03 ± 9.321E+02 + 2.178E+02 ± 5.622E+01 + 4.103E+06 ± 2.433E+06 +
F2 F3 F4 F5 F6 F7 F8 F9 F10	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 - 2.450E+10 ± 1.017E+11 - 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 - 2.918E+02 ± 1.598E+01 + 1.133E+01 ± 8.092E+01 - 5.747E+03 ± 5.409E+02 + 1.262E+02 ± 1.365E+01 -	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 - 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 - 3.217E+01 ± 4.497E+01 - 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 + 8.924E+03 ± 1.547E+03 + 5.237E+03 ± 8.165E+02 + 2.316E+02 ± 6.981E+01 + 1.945E+03 ± 4.818E+02 -	SIS ERROR ± STD $8.183E+03 \pm 9.204E+03 \approx$ $1.621E+11 \pm 9.369E+11 -$ $5.334E+02 \pm 3.616E+03 -$ $1.495E+02 \pm 5.303E+01 +$ $2.105E+02 \pm 3.573E+01 +$ $1.333E+01 \pm 6.169E+00 +$ $2.922E+02 \pm 5.105E+01 +$ $2.078E+02 \pm 4.089E+01 +$ $1.200E+03 \pm 1.265E+03 \approx$ $5.759E+03 \pm 9.321E+02 +$ $2.178E+02 \pm 5.622E+01 +$
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 - 2.450E+10 ± 1.017E+11 - 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 - 2.918E+02 ± 1.598E+01 + 1.133E+01 ± 8.092E+01 - 5.747E+03 ± 5.409E+02 + 1.262E+02 ± 1.365E+01 - 8.335E+05 ± 3.786E+05 - 5.693E+02 ± 6.422E+02 -	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 + 1.251E+08 ± 3.145E+08 + 2.880E+06 ± 1.276E+07 -	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 - 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 - 3.217E+01 ± 4.497E+01 - 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 + 8.924E+03 ± 1.547E+03 + 5.237E+03 ± 8.165E+02 + 2.316E+02 ± 6.981E+01 + 1.945E+03 ± 4.818E+02 - 4.710E+02 ± 1.460E+02 -	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 − 1.495E+02 ± 5.303E+01 + 2.105E+02 ± 3.573E+01 + 1.333E+01 ± 6.169E+00 + 2.922E+02 ± 5.105E+01 + 2.078E+02 ± 4.089E+01 + 1.200E+03 ± 1.265E+03 ≈ 5.759E+03 ± 9.321E+02 + 2.178E+02 ± 5.622E+01 + 4.103E+06 ± 2.433E+06 + 9.495E+04 ± 5.083E+04 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 - 2.450E+10 ± 1.017E+11 - 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 - 2.918E+02 ± 1.598E+01 + 1.133E+01 ± 8.092E+01 - 5.747E+03 ± 5.409E+02 + 1.262E+02 ± 1.365E+01 - 8.335E+05 ± 3.786E+05 - 5.693E+02 ± 6.422E+02 - 2.290E+04 ± 1.295E+04 +	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 + 1.251E+08 ± 3.145E+08 + 2.880E+06 ± 1.276E+07 - 2.809E+05 ± 4.382E+05 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 - 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 - 3.217E+01 ± 4.497E+01 - 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 + 8.924E+03 ± 1.547E+03 + 5.237E+03 ± 8.165E+02 + 2.316E+02 ± 6.981E+01 + 1.945E+03 ± 4.818E+02 - 4.710E+02 ± 1.460E+02 - 2.460E+02 ± 6.591E+01 -	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 − 1.495E+02 ± 5.303E+01 + 2.105E+02 ± 3.573E+01 + 1.333E+01 ± 6.169E+00 + 2.922E+02 ± 5.105E+01 + 2.078E+02 ± 4.089E+01 + 1.200E+03 ± 1.265E+03 ≈ 5.759E+03 ± 9.321E+02 + 2.178E+02 ± 5.622E+01 + 4.103E+06 ± 2.433E+06 + 9.495E+04 ± 5.083E+04 + 2.314E+04 ± 2.189E+04 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 - 2.450E+10 ± 1.017E+11 - 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 - 2.918E+02 ± 1.598E+01 + 1.133E+01 ± 8.092E+01 - 5.747E+03 ± 5.409E+02 + 1.262E+02 ± 1.365E+01 - 8.335E+05 ± 3.786E+05 - 5.693E+02 ± 6.422E+02 - 2.290E+04 ± 1.295E+04 + 7.845E+03 ± 1.809E+03 -	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 + 1.251E+08 ± 3.145E+08 + 2.880E+06 ± 1.276E+07 - 2.809E+05 ± 4.382E+05 + 6.184E+03 ± 6.436E+03 -	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 - 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 - 3.217E+01 ± 4.497E+01 - 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 + 8.924E+03 ± 1.547E+03 + 5.237E+03 ± 8.165E+02 + 2.316E+02 ± 6.981E+01 + 1.945E+03 ± 4.818E+02 - 4.710E+02 ± 1.460E+02 - 2.460E+02 ± 6.591E+01 - 3.103E+02 ± 8.744E+01 -	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 − 1.495E+02 ± 5.303E+01 + 2.105E+02 ± 3.573E+01 + 1.333E+01 ± 6.169E+00 + 2.922E+02 ± 5.105E+01 + 2.078E+02 ± 4.089E+01 + 1.200E+03 ± 1.265E+03 ≈ 5.759E+03 ± 9.321E+02 + 2.178E+02 ± 5.622E+01 + 4.103E+06 ± 2.433E+06 + 9.495E+04 ± 5.083E+04 + 2.314E+04 ± 2.189E+04 + 4.429E+04 ± 2.259E+04 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 - 2.450E+10 ± 1.017E+11 - 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 - 2.918E+02 ± 1.598E+01 + 1.133E+01 ± 8.092E+01 - 5.747E+03 ± 5.409E+02 + 1.262E+02 ± 1.365E+01 - 8.335E+05 ± 3.786E+05 - 5.693E+02 ± 6.422E+02 - 2.290E+04 ± 1.295E+04 + 7.845E+03 ± 1.809E+03 - 1.828E+03 ± 3.078E+02 +	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 + 1.251E+08 ± 3.145E+08 + 2.880E+06 ± 1.276E+07 - 2.809E+05 ± 4.382E+05 + 6.184E+03 ± 6.436E+03 - 2.785E+03 ± 4.031E+02 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 - 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 - 3.217E+01 ± 4.497E+01 - 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 + 8.924E+03 ± 1.547E+03 + 5.237E+03 ± 8.165E+02 + 2.316E+02 ± 6.981E+01 + 1.945E+03 ± 4.818E+02 - 4.710E+02 ± 1.460E+02 - 2.460E+02 ± 6.591E+01 - 3.103E+02 ± 8.744E+01 - 1.574E+03 ± 4.701E+02 +	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 − 1.495E+02 ± 5.303E+01 + 2.105E+02 ± 3.573E+01 + 1.333E+01 ± 6.169E+00 + 2.922E+02 ± 5.105E+01 + 2.078E+02 ± 4.089E+01 + 1.200E+03 ± 1.265E+03 ≈ 5.759E+03 ± 9.321E+02 + 2.178E+02 ± 5.622E+01 + 4.103E+06 ± 2.433E+06 + 9.495E+04 ± 5.083E+04 + 2.314E+04 ± 2.189E+04 + 4.429E+04 ± 2.259E+04 + 1.205E+03 ± 3.327E+02 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 - 2.450E+10 ± 1.017E+11 - 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 - 2.918E+02 ± 1.598E+01 + 1.133E+01 ± 8.092E+01 - 5.747E+03 ± 5.409E+02 + 1.262E+02 ± 1.365E+01 - 8.335E+05 ± 3.786E+05 - 5.693E+02 ± 6.422E+02 - 2.290E+04 ± 1.295E+04 + 7.845E+03 ± 1.809E+03 - 1.828E+03 ± 3.078E+02 + 1.670E+03 ± 3.126E+02 +	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 + 1.251E+08 ± 3.145E+08 + 2.880E+06 ± 1.276E+07 - 2.809E+05 ± 4.382E+05 + 6.184E+03 ± 6.436E+03 - 2.785E+03 ± 4.031E+02 + 1.505E+03 ± 2.726E+02 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 - 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 - 3.217E+01 ± 4.497E+01 - 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 + 8.924E+03 ± 1.547E+03 + 5.237E+03 ± 8.165E+02 + 2.316E+02 ± 6.981E+01 + 1.945E+03 ± 4.818E+02 - 4.710E+02 ± 1.460E+02 - 2.460E+02 ± 6.591E+01 - 3.103E+02 ± 8.744E+01 - 1.574E+03 ± 4.701E+02 + 1.473E+03 ± 2.667E+02 +	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 − 1.495E+02 ± 5.303E+01 + 2.105E+02 ± 3.573E+01 + 1.333E+01 ± 6.169E+00 + 2.922E+02 ± 5.105E+01 + 2.078E+02 ± 4.089E+01 + 1.200E+03 ± 1.265E+03 ≈ 5.759E+03 ± 9.321E+02 + 2.178E+02 ± 5.622E+01 + 4.103E+06 ± 2.433E+06 + 9.495E+04 ± 5.083E+04 + 2.314E+04 ± 2.189E+04 + 4.429E+04 ± 2.259E+04 + 1.205E+03 ± 3.327E+02 + 1.055E+03 ± 2.801E+02 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 - 2.450E+10 ± 1.017E+11 - 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 - 2.918E+02 ± 1.598E+01 + 1.133E+01 ± 8.092E+01 - 5.747E+03 ± 5.409E+02 + 1.262E+02 ± 1.365E+01 - 8.335E+05 ± 3.786E+05 - 5.693E+02 ± 6.422E+02 - 2.290E+04 ± 1.295E+04 + 7.845E+03 ± 1.809E+03 - 1.828E+03 ± 3.078E+02 + 1.670E+03 ± 3.126E+02 + 1.815E+05 ± 6.846E+04 +	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 + 1.251E+08 ± 3.145E+08 + 2.880E+06 ± 1.276E+07 - 2.809E+05 ± 4.382E+05 + 6.184E+03 ± 6.436E+03 - 2.785E+03 ± 4.031E+02 + 1.505E+03 ± 2.726E+02 + 3.868E+06 ± 4.309E+06 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 - 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 - 3.217E+01 ± 4.497E+01 - 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 + 8.924E+03 ± 1.547E+03 + 5.237E+03 ± 8.165E+02 + 2.316E+02 ± 6.981E+01 + 1.945E+03 ± 4.818E+02 - 4.710E+02 ± 1.460E+02 - 2.460E+02 ± 6.591E+01 - 3.103E+02 ± 8.744E+01 - 1.574E+03 ± 4.701E+02 + 1.473E+03 ± 2.667E+02 + 1.847E+02 ± 6.384E+01 -	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 − 1.495E+02 ± 5.303E+01 + 2.105E+02 ± 3.573E+01 + 1.333E+01 ± 6.169E+00 + 2.922E+02 ± 5.105E+01 + 2.078E+02 ± 4.089E+01 + 1.200E+03 ± 1.265E+03 ≈ 5.759E+03 ± 9.321E+02 + 2.178E+02 ± 5.622E+01 + 4.103E+06 ± 2.433E+06 + 9.495E+04 ± 5.083E+04 + 2.314E+04 ± 2.189E+04 + 4.429E+04 ± 2.259E+04 + 1.205E+03 ± 3.327E+02 + 1.055E+03 ± 2.801E+02 + 1.761E+05 ± 1.180E+05 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 − 2.450E+10 ± 1.017E+11 − 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 − 2.918E+02 ± 1.598E+01 + 1.133E+01 ± 8.092E+01 − 5.747E+03 ± 5.409E+02 + 1.262E+02 ± 1.365E+01 − 8.335E+05 ± 3.786E+05 − 5.693E+02 ± 6.422E+02 − 2.290E+04 ± 1.295E+04 + 7.845E+03 ± 1.809E+03 − 1.828E+03 ± 3.078E+02 + 1.670E+03 ± 3.126E+02 + 1.815E+05 ± 6.846E+04 + 1.423E+04 ± 3.369E+03 ≈	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 + 1.251E+08 ± 3.145E+08 + 2.880E+06 ± 1.276E+07 - 2.809E+05 ± 4.382E+05 + 6.184E+03 ± 6.436E+03 - 2.785E+03 ± 4.031E+02 + 1.505E+03 ± 2.726E+02 + 3.868E+06 ± 4.309E+06 + 6.479E+04 ± 3.813E+05 -	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 - 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 - 3.217E+01 ± 4.497E+01 - 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 + 8.924E+03 ± 1.547E+03 + 5.237E+03 ± 8.165E+02 + 2.316E+02 ± 6.981E+01 + 1.945E+03 ± 4.818E+02 - 4.710E+02 ± 1.460E+02 - 2.460E+02 ± 6.591E+01 - 3.103E+02 ± 8.744E+01 - 1.574E+03 ± 4.701E+02 + 1.473E+03 ± 2.667E+02 + 1.847E+02 ± 6.384E+01 - 1.575E+02 ± 1.079E+02 -	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 − 1.495E+02 ± 5.303E+01 + 2.105E+02 ± 3.573E+01 + 1.333E+01 ± 6.169E+00 + 2.922E+02 ± 5.105E+01 + 2.078E+02 ± 4.089E+01 + 1.200E+03 ± 1.265E+03 ≈ 5.759E+03 ± 9.321E+03 ≈ 5.759E+03 ± 9.321E+04 + 4.103E+06 ± 2.433E+06 + 9.495E+04 ± 5.083E+04 + 2.314E+04 ± 2.189E+04 + 4.429E+04 ± 2.259E+04 + 1.205E+03 ± 3.327E+02 + 1.055E+03 ± 2.801E+02 + 1.761E+05 ± 1.180E+05 + 1.615E+05 ± 6.041E+04 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 − 2.450E+10 ± 1.017E+11 − 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 − 2.918E+02 ± 1.598E+01 + 1.133E+01 ± 8.092E+01 − 5.747E+03 ± 5.409E+02 + 1.262E+02 ± 1.365E+01 − 8.335E+05 ± 3.786E+05 − 5.693E+02 ± 6.422E+02 − 2.290E+04 ± 1.295E+04 + 7.845E+03 ± 1.809E+03 − 1.828E+03 ± 3.078E+02 + 1.670E+03 ± 3.126E+02 + 1.815E+05 ± 6.846E+04 + 1.423E+04 ± 3.369E+03 ≈ 1.315E+03 ± 3.138E+02 +	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 + 1.251E+08 ± 3.145E+08 + 2.880E+06 ± 1.276E+07 - 2.809E+05 ± 4.382E+05 + 6.184E+03 ± 6.436E+03 - 2.785E+03 ± 4.031E+02 + 1.505E+03 ± 2.726E+02 + 3.868E+06 ± 4.309E+06 + 6.479E+04 ± 3.813E+05 - 1.313E+03 ± 3.192E+02 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 - 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 - 3.217E+01 ± 4.497E+01 - 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 + 8.924E+03 ± 1.547E+03 + 5.237E+03 ± 8.165E+02 + 2.316E+02 ± 6.981E+01 + 1.945E+03 ± 4.818E+02 - 4.710E+02 ± 1.460E+02 - 2.460E+02 ± 6.591E+01 - 3.103E+02 ± 8.744E+01 - 1.574E+03 ± 4.701E+02 + 1.473E+03 ± 2.667E+02 + 1.847E+02 ± 6.384E+01 - 1.575E+02 ± 1.079E+02 - 9.405E+02 ± 1.953E+02 +	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 − 1.495E+02 ± 5.303E+01 + 2.105E+02 ± 3.573E+01 + 1.333E+01 ± 6.169E+00 + 2.922E+02 ± 5.105E+01 + 2.078E+02 ± 4.089E+01 + 1.200E+03 ± 1.265E+03 ≈ 5.759E+03 ± 9.321E+02 + 2.178E+02 ± 5.622E+01 + 4.103E+06 ± 2.433E+06 + 9.495E+04 ± 5.083E+04 + 2.314E+04 ± 2.189E+04 + 4.429E+04 ± 2.259E+04 + 1.205E+03 ± 3.327E+02 + 1.055E+03 ± 2.801E+02 + 1.761E+05 ± 1.180E+05 + 1.615E+05 ± 6.041E+04 + 9.206E+02 ± 2.736E+02 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 − 2.450E+10 ± 1.017E+11 − 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 − 2.918E+02 ± 1.598E+01 + 1.133E+01 ± 8.092E+01 − 5.747E+03 ± 5.409E+02 + 1.262E+02 ± 1.365E+01 − 8.335E+05 ± 3.786E+05 − 5.693E+02 ± 6.422E+02 − 2.290E+04 ± 1.295E+04 + 7.845E+03 ± 1.809E+03 − 1.828E+03 ± 3.078E+02 + 1.670E+03 ± 3.126E+02 + 1.815E+05 ± 6.846E+04 + 1.423E+04 ± 3.369E+03 ≈ 1.315E+03 ± 3.138E+02 + 4.561E+02 ± 2.685E+01 +	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 + 1.251E+08 ± 3.145E+08 + 2.880E+06 ± 1.276E+07 - 2.809E+05 ± 4.382E+05 + 6.184E+03 ± 6.436E+03 - 2.785E+03 ± 4.031E+02 + 1.505E+03 ± 2.726E+02 + 3.868E+06 ± 4.309E+06 + 6.479E+04 ± 3.813E+05 - 1.313E+03 ± 3.192E+02 + 5.756E+02 ± 2.577E+01 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 - 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 - 3.217E+01 ± 4.497E+01 - 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 + 8.924E+03 ± 1.547E+03 + 5.237E+03 ± 8.165E+02 + 2.316E+02 ± 6.981E+01 + 1.945E+03 ± 4.818E+02 - 4.710E+02 ± 1.460E+02 - 2.460E+02 ± 6.591E+01 - 3.103E+02 ± 8.744E+01 - 1.574E+03 ± 4.701E+02 + 1.473E+03 ± 2.667E+02 + 1.847E+02 ± 6.384E+01 - 1.575E+02 ± 1.079E+02 - 9.405E+02 ± 1.953E+02 + 4.955E+02 ± 4.050E+01 +	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 − 1.495E+02 ± 5.303E+01 + 2.105E+02 ± 3.573E+01 + 1.333E+01 ± 6.169E+00 + 2.922E+02 ± 5.105E+01 + 2.078E+02 ± 4.089E+01 + 1.200E+03 ± 1.265E+03 ≈ 5.759E+03 ± 9.321E+02 + 2.178E+02 ± 5.622E+01 + 4.103E+06 ± 2.433E+06 + 9.495E+04 ± 5.083E+04 + 2.314E+04 ± 2.189E+04 + 4.429E+04 ± 2.259E+04 + 1.205E+03 ± 3.327E+02 + 1.055E+03 ± 2.801E+02 + 1.761E+05 ± 1.180E+05 + 1.615E+05 ± 6.041E+04 + 9.206E+02 ± 2.736E+02 + 3.976E+02 ± 3.886E+01 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21 F22	HGSA $ERROR \pm STD$ $7.945E+02 \pm 1.126E+03 -$ $2.450E+10 \pm 1.017E+11 -$ $1.180E+05 \pm 9.609E+03 +$ $1.958E+02 \pm 4.010E+01 +$ $2.676E+02 \pm 2.086E+01 +$ $2.362E+01 \pm 4.438E+00 +$ $7.097E+01 \pm 4.077E+00 -$ $2.918E+02 \pm 1.598E+01 +$ $1.133E+01 \pm 8.092E+01 -$ $5.747E+03 \pm 5.409E+02 +$ $1.262E+02 \pm 1.365E+01 -$ $8.335E+05 \pm 3.786E+05 -$ $5.693E+02 \pm 6.422E+02 -$ $2.290E+04 \pm 1.295E+04 +$ $7.845E+03 \pm 3.078E+02 +$ $1.670E+03 \pm 3.126E+02 +$ $1.815E+05 \pm 6.846E+04 +$ $1.423E+04 \pm 3.369E+03 \approx$ $1.315E+03 \pm 3.138E+02 +$ $4.561E+02 \pm 2.685E+01 +$ $7.902E+03 \pm 5.240E+02 +$	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 + 1.251E+08 ± 3.145E+08 + 2.880E+06 ± 1.276E+07 - 2.809E+05 ± 4.382E+05 + 6.184E+03 ± 6.436E+03 - 2.785E+03 ± 4.031E+02 + 1.505E+03 ± 2.726E+02 + 3.868E+06 ± 4.309E+06 + 6.479E+04 ± 3.813E+05 - 1.313E+03 ± 3.192E+02 + 5.756E+02 ± 2.577E+01 + 1.122E+04 ± 3.842E+03 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 − 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 − 3.217E+01 ± 4.497E+01 − 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 + 8.924E+03 ± 1.547E+03 + 5.237E+03 ± 8.165E+02 + 2.316E+02 ± 6.981E+01 + 1.945E+03 ± 4.818E+02 − 4.710E+02 ± 1.460E+02 − 2.460E+02 ± 6.591E+01 − 3.103E+02 ± 8.744E+01 − 1.574E+03 ± 4.701E+02 + 1.473E+03 ± 2.667E+02 + 1.847E+02 ± 6.384E+01 − 1.575E+02 ± 1.079E+02 − 9.405E+02 ± 1.953E+02 + 4.955E+02 ± 4.050E+01 + 3.181E+03 ± 2.542E+03 ≈	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 − 1.495E+02 ± 5.303E+01 + 2.105E+02 ± 3.573E+01 + 1.333E+01 ± 6.169E+00 + 2.922E+02 ± 5.105E+01 + 2.078E+02 ± 4.089E+01 + 1.200E+03 ± 1.265E+03 ≈ 5.759E+03 ± 9.321E+02 + 2.178E+02 ± 5.622E+01 + 4.103E+06 ± 2.433E+06 + 9.495E+04 ± 5.083E+04 + 2.314E+04 ± 2.189E+04 + 4.429E+04 ± 2.259E+04 + 1.205E+03 ± 3.327E+02 + 1.055E+03 ± 2.801E+02 + 1.761E+05 ± 1.180E+05 + 1.615E+05 ± 6.041E+04 + 9.206E+02 ± 2.736E+02 + 3.976E+02 ± 3.886E+01 + 2.615E+03 ± 3.111E+03 −
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21 F22 F23	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 − 2.450E+10 ± 1.017E+11 − 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 − 2.918E+02 ± 1.598E+01 + 1.133E+01 ± 8.092E+01 − 5.747E+03 ± 5.409E+02 + 1.262E+02 ± 1.365E+01 − 8.335E+05 ± 3.786E+05 − 5.693E+02 ± 6.422E+02 − 2.290E+04 ± 1.295E+04 + 7.845E+03 ± 1.809E+03 − 1.828E+03 ± 3.078E+02 + 1.670E+03 ± 3.126E+02 + 1.815E+05 ± 6.846E+04 + 1.423E+04 ± 3.369E+03 ≈ 1.315E+03 ± 3.138E+02 + 4.561E+02 ± 2.685E+01 + 7.902E+03 ± 5.240E+02 + 1.071E+03 ± 1.984E+02 +	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 + 1.251E+08 ± 3.145E+08 + 2.880E+06 ± 1.276E+07 - 2.809E+05 ± 4.382E+05 + 6.184E+03 ± 6.436E+03 - 2.785E+03 ± 4.031E+02 + 1.505E+03 ± 2.726E+02 + 3.868E+06 ± 4.309E+06 + 6.479E+04 ± 3.813E+05 - 1.313E+03 ± 3.192E+02 + 5.756E+02 ± 2.577E+01 + 1.122E+04 ± 3.842E+03 + 9.861E+02 ± 4.881E+01 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 − 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 − 3.217E+01 ± 4.497E+01 − 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 + 8.924E+03 ± 1.547E+03 + 5.237E+03 ± 8.165E+02 + 2.316E+02 ± 6.981E+01 + 1.945E+03 ± 4.818E+02 − 4.710E+02 ± 1.460E+02 − 2.460E+02 ± 6.591E+01 − 3.103E+02 ± 8.744E+01 − 1.574E+03 ± 4.701E+02 + 1.473E+03 ± 2.667E+02 + 1.847E+02 ± 6.384E+01 − 1.575E+02 ± 1.079E+02 − 9.405E+02 ± 1.953E+02 + 4.955E+02 ± 4.050E+01 + 3.181E+03 ± 2.542E+03 ≈ 8.985E+02 ± 8.012E+01 +	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 − 1.495E+02 ± 5.303E+01 + 2.105E+02 ± 3.573E+01 + 1.333E+01 ± 6.169E+00 + 2.922E+02 ± 5.105E+01 + 2.078E+02 ± 4.089E+01 + 1.200E+03 ± 1.265E+03 ≈ 5.759E+03 ± 9.321E+02 + 2.178E+02 ± 5.622E+01 + 4.103E+06 ± 2.433E+06 + 9.495E+04 ± 5.083E+04 + 2.314E+04 ± 2.189E+04 + 4.429E+04 ± 2.259E+04 + 1.205E+03 ± 3.327E+02 + 1.615E+05 ± 6.041E+04 + 9.206E+02 ± 2.736E+02 + 3.976E+02 ± 3.886E+01 + 2.615E+03 ± 3.111E+03 − 6.345E+02 ± 4.494E+01 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21 F22 F23 F24	HGSA	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 + 1.251E+08 ± 3.145E+08 + 2.880E+06 ± 1.276E+07 - 2.809E+05 ± 4.382E+05 + 6.184E+03 ± 6.436E+03 - 2.785E+03 ± 4.031E+02 + 1.505E+03 ± 2.726E+02 + 3.868E+06 ± 4.309E+06 + 6.479E+04 ± 3.813E+05 - 1.313E+03 ± 3.192E+02 + 5.756E+02 ± 2.577E+01 + 1.122E+04 ± 3.842E+03 + 9.861E+02 ± 4.881E+01 + 1.055E+03 ± 4.607E+01 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 − 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 − 3.217E+01 ± 4.497E+01 − 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 + 8.924E+03 ± 1.547E+03 + 5.237E+03 ± 8.165E+02 + 2.316E+02 ± 6.981E+01 + 1.945E+03 ± 4.818E+02 − 4.710E+02 ± 1.460E+02 − 2.460E+02 ± 6.591E+01 − 3.103E+02 ± 8.744E+01 − 1.574E+03 ± 4.701E+02 + 1.473E+03 ± 2.667E+02 + 1.847E+02 ± 6.384E+01 − 1.575E+02 ± 1.079E+02 − 9.405E+02 ± 1.953E+02 + 4.955E+02 ± 4.050E+01 + 3.181E+03 ± 2.542E+03 ≈ 8.985E+02 ± 8.012E+01 + 1.109E+03 ± 9.811E+01 +	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 − 1.495E+02 ± 5.303E+01 + 2.105E+02 ± 3.573E+01 + 1.333E+01 ± 6.169E+00 + 2.922E+02 ± 5.105E+01 + 2.078E+02 ± 4.089E+01 + 1.200E+03 ± 1.265E+03 ≈ 5.759E+03 ± 9.321E+02 + 2.178E+02 ± 5.622E+01 + 4.103E+06 ± 2.433E+06 + 9.495E+04 ± 5.083E+04 + 2.314E+04 ± 2.189E+04 + 4.429E+04 ± 2.259E+04 + 1.205E+03 ± 2.801E+02 + 1.761E+05 ± 1.180E+05 + 1.615E+05 ± 6.041E+04 + 9.206E+02 ± 2.736E+02 + 3.976E+02 ± 3.886E+01 + 2.615E+03 ± 3.111E+03 − 6.345E+02 ± 4.494E+01 + 6.835E+02 ± 4.188E+01 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21 F22 F23 F24 F25	HGSA ERROR \pm STD 7.945E+02 \pm 1.126E+03 $-$ 2.450E+10 \pm 1.017E+11 $-$ 1.180E+05 \pm 9.609E+03 $+$ 1.958E+02 \pm 4.010E+01 $+$ 2.676E+02 \pm 2.086E+01 $+$ 2.362E+01 \pm 4.438E+00 $+$ 7.097E+01 \pm 4.077E+00 $-$ 2.918E+02 \pm 1.598E+01 $+$ 1.133E+01 \pm 8.092E+01 $-$ 5.747E+03 \pm 5.409E+02 $+$ 1.262E+02 \pm 1.365E+01 $-$ 8.335E+05 \pm 3.786E+05 $-$ 5.693E+02 \pm 6.422E+02 $-$ 2.290E+04 \pm 1.295E+04 $+$ 7.845E+03 \pm 1.809E+03 $-$ 1.828E+03 \pm 3.078E+02 $+$ 1.670E+03 \pm 3.126E+02 $+$ 1.423E+04 \pm 3.369E+03 \pm 1.315E+05 \pm 6.846E+04 $+$ 1.423E+04 \pm 3.369E+03 \pm 1.315E+03 \pm 3.138E+02 $+$ 4.561E+02 \pm 2.685E+01 $+$ 7.902E+03 \pm 5.240E+02 $+$ 1.071E+03 \pm 1.984E+02 $+$ 8.866E+02 \pm 4.943E+01 $+$ 5.813E+02 \pm 1.508E+01 $+$	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 + 1.251E+08 ± 3.145E+08 + 2.880E+06 ± 1.276E+07 - 2.809E+05 ± 4.382E+05 + 6.184E+03 ± 6.436E+03 - 2.785E+03 ± 4.031E+02 + 1.505E+03 ± 2.726E+02 + 3.868E+06 ± 4.309E+06 + 6.479E+04 ± 3.813E+05 - 1.313E+03 ± 3.192E+02 + 5.756E+02 ± 2.577E+01 + 1.122E+04 ± 3.842E+03 + 9.861E+02 ± 4.881E+01 + 1.055E+03 ± 4.607E+01 + 9.207E+02 ± 1.121E+02 +	IMODE ERROR \pm STD 1.582E-02 \pm 1.369E-03 $-$ 7.030E+31 \pm 4.278E+32 $+$ 9.578E-07 \pm 4.812E-08 $-$ 3.217E+01 \pm 4.497E+01 $-$ 2.860E+02 \pm 3.159E+01 $+$ 3.473E+01 \pm 5.506E+00 $+$ 5.130E+02 \pm 8.630E+01 $+$ 2.975E+02 \pm 3.953E+01 $+$ 8.924E+03 \pm 1.547E+03 $+$ 5.237E+03 \pm 8.165E+02 $+$ 2.316E+02 \pm 6.981E+01 $+$ 1.945E+03 \pm 4.818E+02 $-$ 4.710E+02 \pm 1.460E+02 $-$ 2.460E+02 \pm 6.591E+01 $-$ 3.103E+02 \pm 8.74E+01 $-$ 1.574E+03 \pm 4.701E+02 $+$ 1.473E+03 \pm 2.667E+02 $+$ 1.847E+02 \pm 6.384E+01 $-$ 1.575E+02 \pm 1.079E+02 $-$ 9.405E+02 \pm 4.050E+01 $+$ 3.181E+03 \pm 2.542E+03 \approx 8.985E+02 \pm 8.012E+01 $+$ 1.109E+03 \pm 9.811E+01 $+$ 5.253E+02 \pm 3.955E+01 $+$	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 − 1.495E+02 ± 5.303E+01 + 2.105E+02 ± 3.573E+01 + 1.333E+01 ± 6.169E+00 + 2.922E+02 ± 5.105E+01 + 2.078E+02 ± 4.089E+01 + 1.200E+03 ± 1.265E+03 ≈ 5.759E+03 ± 9.321E+02 + 2.178E+02 ± 5.622E+01 + 4.103E+06 ± 2.433E+06 + 9.495E+04 ± 5.083E+04 + 2.314E+04 ± 2.189E+04 + 4.429E+04 ± 2.259E+04 + 1.205E+03 ± 3.327E+02 + 1.761E+05 ± 1.180E+05 + 1.615E+05 ± 6.041E+04 + 9.206E+02 ± 2.736E+02 + 3.976E+02 ± 3.886E+01 + 2.615E+03 ± 3.111E+03 − 6.345E+02 ± 4.494E+01 + 6.835E+02 ± 4.188E+01 + 5.290E+02 ± 3.078E+01 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21 F22 F23 F24 F25 F26	HGSA ERROR \pm STD 7.945E+02 \pm 1.126E+03 $-$ 2.450E+10 \pm 1.017E+11 $-$ 1.180E+05 \pm 9.609E+03 \pm 1.958E+02 \pm 4.010E+01 \pm 2.676E+02 \pm 2.086E+01 \pm 2.362E+01 \pm 4.438E+00 \pm 7.097E+01 \pm 4.077E+00 $-$ 2.918E+02 \pm 1.598E+01 \pm 1.133E+01 \pm 8.092E+01 \pm 5.747E+03 \pm 5.409E+02 \pm 1.262E+02 \pm 1.365E+01 $-$ 8.335E+05 \pm 3.786E+05 $-$ 5.693E+02 \pm 6.422E+02 $-$ 2.290E+04 \pm 1.295E+04 \pm 7.845E+03 \pm 1.809E+03 $-$ 1.828E+03 \pm 3.078E+02 \pm 1.670E+03 \pm 3.136E+02 \pm 1.423E+04 \pm 3.369E+03 \pm 1.315E+05 \pm 6.846E+04 \pm 1.423E+04 \pm 3.369E+03 \pm 1.315E+03 \pm 3.138E+02 \pm 4.561E+02 \pm 2.685E+01 \pm 7.902E+03 \pm 5.240E+02 \pm 1.071E+03 \pm 1.984E+02 \pm 8.866E+02 \pm 4.943E+01 \pm 5.813E+02 \pm 1.508E+01 \pm	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 + 1.251E+08 ± 3.145E+08 + 2.880E+06 ± 1.276E+07 - 2.809E+05 ± 4.382E+05 + 6.184E+03 ± 6.436E+03 - 2.785E+03 ± 4.031E+02 + 1.505E+03 ± 2.726E+02 + 3.868E+06 ± 4.309E+06 + 6.479E+04 ± 3.813E+05 - 1.313E+03 ± 3.192E+02 + 5.756E+02 ± 2.577E+01 + 1.122E+04 ± 3.842E+03 + 9.861E+02 ± 4.881E+01 + 1.055E+03 ± 4.607E+01 + 9.207E+02 ± 1.121E+02 + 5.958E+03 ± 6.938E+02 +	IMODE ERROR \pm STD 1.582E-02 \pm 1.369E-03 $-$ 7.030E+31 \pm 4.278E+32 $+$ 9.578E-07 \pm 4.812E-08 $-$ 3.217E+01 \pm 4.497E+01 $-$ 2.860E+02 \pm 3.159E+01 $+$ 3.473E+01 \pm 5.506E+00 $+$ 5.130E+02 \pm 8.630E+01 $+$ 2.975E+02 \pm 3.953E+01 $+$ 8.924E+03 \pm 1.547E+03 $+$ 5.237E+03 \pm 8.165E+02 $+$ 2.316E+02 \pm 6.981E+01 $+$ 1.945E+03 \pm 4.818E+02 $-$ 4.710E+02 \pm 1.460E+02 $-$ 2.460E+02 \pm 6.591E+01 $-$ 3.103E+02 \pm 8.744E+01 $-$ 1.574E+03 \pm 4.701E+02 \pm 1.473E+03 \pm 2.667E+02 $+$ 1.473E+03 \pm 4.701E+02 $+$ 1.475E+02 \pm 1.079E+02 $-$ 9.405E+02 \pm 1.953E+02 $+$ 4.955E+02 \pm 4.050E+01 $+$ 3.181E+03 \pm 2.542E+03 \approx 8.985E+02 \pm 8.012E+01 $+$ 1.109E+03 \pm 9.811E+01 $+$ 5.253E+02 \pm 3.955E+01 $+$ 4.199E+03 \pm 2.184E+03 $+$	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 − 1.495E+02 ± 5.303E+01 + 2.105E+02 ± 3.573E+01 + 1.333E+01 ± 6.169E+00 + 2.922E+02 ± 5.105E+01 + 2.078E+02 ± 4.089E+01 + 1.200E+03 ± 1.265E+03 ≈ 5.759E+03 ± 9.321E+02 + 2.178E+02 ± 5.622E+01 + 4.103E+06 ± 2.433E+06 + 9.495E+04 ± 5.083E+04 + 2.314E+04 ± 2.189E+04 + 4.429E+04 ± 2.259E+04 + 1.205E+03 ± 3.327E+02 + 1.761E+05 ± 1.180E+05 + 1.615E+05 ± 6.041E+04 + 9.206E+02 ± 2.736E+02 + 3.976E+02 ± 3.886E+01 + 2.615E+03 ± 3.111E+03 − 6.345E+02 ± 4.494E+01 + 6.835E+02 ± 4.188E+01 + 5.290E+02 ± 3.078E+01 + 3.165E+03 ± 6.271E+02 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21 F22 F23 F24 F25 F26 F27	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 - 2.450E+10 ± 1.017E+11 - 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 - 2.918E+02 ± 1.598E+01 + 1.133E+01 ± 8.092E+01 - 5.747E+03 ± 5.409E+02 + 1.262E+02 ± 1.365E+01 - 8.335E+05 ± 3.786E+05 - 5.693E+02 ± 6.422E+02 - 2.290E+04 ± 1.295E+04 + 7.845E+03 ± 1.809E+03 - 1.828E+03 ± 3.078E+02 + 1.670E+03 ± 3.126E+02 + 1.423E+04 ± 3.369E+03 ≈ 1.315E+05 ± 6.846E+04 + 1.423E+04 ± 3.369E+03 ≈ 1.315E+03 ± 3.138E+02 + 4.561E+02 ± 2.685E+01 + 7.902E+03 ± 5.240E+02 + 1.071E+03 ± 1.984E+02 + 8.866E+02 ± 4.943E+01 + 5.813E+02 ± 1.508E+01 + 3.000E+02 ± 7.309E-13 - 1.401E+03 ± 2.816E+02 +	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.48E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 + 1.251E+08 ± 3.145E+08 + 2.880E+06 ± 1.276E+07 - 2.809E+05 ± 4.382E+05 + 6.184E+03 ± 6.436E+03 - 2.785E+03 ± 4.031E+02 + 1.505E+03 ± 2.726E+02 + 3.868E+06 ± 4.309E+06 + 6.479E+04 ± 3.813E+05 - 1.313E+03 ± 3.192E+02 + 5.756E+02 ± 2.577E+01 + 1.122E+04 ± 3.842E+03 + 9.861E+02 ± 4.881E+01 + 1.055E+03 ± 4.607E+01 + 9.207E+02 ± 1.121E+02 + 5.958E+03 ± 6.938E+02 + 1.419E+03 ± 1.126E+02 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 − 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 − 3.217E+01 ± 4.497E+01 − 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 + 8.924E+03 ± 1.547E+03 + 5.237E+03 ± 8.165E+02 + 2.316E+02 ± 6.981E+01 + 1.945E+03 ± 4.818E+02 − 4.710E+02 ± 1.460E+02 − 2.460E+02 ± 6.591E+01 − 3.103E+02 ± 8.744E+01 − 1.574E+03 ± 4.701E+02 + 1.473E+03 ± 2.667E+02 + 1.473E+02 ± 1.953E+02 + 4.955E+02 ± 1.079E+02 − 9.405E+02 ± 1.953E+02 + 4.955E+02 ± 4.050E+01 + 3.181E+03 ± 2.542E+03 ≈ 8.985E+02 ± 8.012E+01 + 1.109E+03 ± 9.811E+01 + 5.253E+02 ± 3.955E+01 + 4.199E+03 ± 2.184E+03 + 1.113E+03 ± 2.184E+03 + 1.113E+03 ± 1.038E+02 +	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 − 1.495E+02 ± 5.303E+01 + 2.105E+02 ± 3.573E+01 + 1.333E+01 ± 6.169E+00 + 2.922E+02 ± 5.105E+01 + 2.078E+02 ± 4.089E+01 + 1.200E+03 ± 1.265E+03 ≈ 5.759E+03 ± 9.321E+02 + 2.178E+02 ± 5.622E+01 + 4.103E+06 ± 2.433E+06 + 9.495E+04 ± 5.083E+04 + 2.314E+04 ± 2.189E+04 + 4.429E+04 ± 2.259E+04 + 1.205E+03 ± 3.327E+02 + 1.055E+03 ± 2.801E+02 + 1.615E+05 ± 6.041E+04 + 9.206E+02 ± 2.736E+02 + 3.976E+02 ± 3.886E+01 + 2.615E+03 ± 3.111E+03 − 6.345E+02 ± 4.494E+01 + 6.835E+02 ± 4.188E+01 + 5.290E+02 ± 3.078E+01 + 3.165E+03 ± 6.271E+02 + 6.357E+02 ± 4.946E+01 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21 F22 F23 F24 F25 F26 F27 F28	HGSA ERROR ± STD 7.945E+02 ± 1.126E+03 − 2.450E+10 ± 1.017E+11 − 1.180E+05 ± 9.609E+03 + 1.958E+02 ± 4.010E+01 + 2.676E+02 ± 2.086E+01 + 2.362E+01 ± 4.438E+00 + 7.097E+01 ± 4.077E+00 − 2.918E+02 ± 1.598E+01 + 1.133E+01 ± 8.092E+01 − 5.747E+03 ± 5.409E+02 + 1.262E+02 ± 1.365E+01 − 8.335E+05 ± 3.786E+05 − 5.693E+02 ± 6.422E+02 − 2.290E+04 ± 1.295E+04 + 7.845E+03 ± 1.809E+03 − 1.828E+03 ± 3.078E+02 + 1.670E+03 ± 3.126E+02 + 1.423E+04 ± 3.369E+03 ≈ 1.315E+05 ± 6.846E+04 + 1.423E+04 ± 3.369E+03 ≈ 1.315E+03 ± 3.138E+02 + 4.561E+02 ± 2.685E+01 + 7.902E+03 ± 5.240E+02 + 1.071E+03 ± 1.984E+02 + 8.866E+02 ± 4.943E+01 + 5.813E+02 ± 1.508E+01 + 3.000E+02 ± 7.309E-13 − 1.401E+03 ± 2.816E+02 + 5.023E+02 ± 2.131E+01 +	GLPSO ERROR ± STD 6.138E+06 ± 4.045E+07 - 7.731E+52 ± 5.483E+53 + 7.827E+04 ± 1.101E+04 + 8.643E+02 ± 2.489E+02 + 3.566E+02 ± 4.186E+01 + 1.472E+01 ± 2.961E+00 + 3.677E+02 ± 8.170E+01 + 3.620E+02 ± 3.855E+01 + 1.488E+03 ± 1.104E+03 + 1.231E+04 ± 4.412E+02 + 7.270E+02 ± 6.007E+02 + 1.251E+08 ± 3.145E+08 + 2.880E+06 ± 1.276E+07 - 2.809E+05 ± 4.382E+05 + 6.184E+03 ± 6.436E+03 - 2.785E+03 ± 4.031E+02 + 1.505E+03 ± 2.726E+02 + 3.868E+06 ± 4.309E+06 + 6.479E+04 ± 3.813E+05 - 1.313E+03 ± 3.192E+02 + 5.756E+02 ± 2.577E+01 + 1.122E+04 ± 3.842E+03 + 9.861E+02 ± 4.881E+01 + 1.055E+03 ± 4.607E+01 + 9.207E+02 ± 1.121E+02 + 5.958E+03 ± 6.938E+02 + 1.419E+03 ± 1.126E+02 + 1.207E+03 ± 2.199E+02 +	IMODE ERROR ± STD 1.582E-02 ± 1.369E-03 − 7.030E+31 ± 4.278E+32 + 9.578E-07 ± 4.812E-08 − 3.217E+01 ± 4.497E+01 − 2.860E+02 ± 3.159E+01 + 3.473E+01 ± 5.506E+00 + 5.130E+02 ± 8.630E+01 + 2.975E+02 ± 3.953E+01 + 8.924E+03 ± 1.547E+03 + 5.237E+03 ± 8.165E+02 + 2.316E+02 ± 6.981E+01 + 1.945E+03 ± 4.818E+02 − 4.710E+02 ± 1.460E+02 − 2.460E+02 ± 6.591E+01 − 3.103E+02 ± 8.744E+01 − 1.574E+03 ± 4.701E+02 + 1.473E+03 ± 2.667E+02 + 1.473E+02 ± 1.953E+02 + 4.955E+02 ± 1.079E+02 − 9.405E+02 ± 1.953E+02 + 4.955E+02 ± 4.050E+01 + 3.181E+03 ± 2.542E+03 ≈ 8.985E+02 ± 3.955E+01 + 4.199E+03 ± 2.184E+03 + 1.113E+03 ± 1.038E+02 + 4.866E+02 ± 2.083E+01 +	SIS ERROR ± STD 8.183E+03 ± 9.204E+03 ≈ 1.621E+11 ± 9.369E+11 − 5.334E+02 ± 3.616E+03 − 1.495E+02 ± 5.303E+01 + 2.105E+02 ± 3.573E+01 + 1.333E+01 ± 6.169E+00 + 2.922E+02 ± 5.105E+01 + 2.078E+02 ± 4.089E+01 + 1.200E+03 ± 1.265E+03 ≈ 5.759E+03 ± 9.321E+02 + 2.178E+02 ± 5.622E+01 + 4.103E+06 ± 2.433E+06 + 9.495E+04 ± 5.083E+04 + 2.314E+04 ± 2.189E+04 + 4.429E+04 ± 2.259E+04 + 1.205E+03 ± 3.327E+02 + 1.055E+03 ± 2.801E+02 + 1.615E+05 ± 6.041E+04 + 9.206E+02 ± 2.736E+02 + 3.976E+02 ± 3.886E+01 + 2.615E+03 ± 3.111E+03 − 6.345E+02 ± 4.494E+01 + 6.835E+02 ± 4.188E+01 + 5.290E+02 ± 3.078E+01 + 3.165E+03 ± 6.271E+02 + 6.357E+02 ± 4.946E+01 + 4.809E+02 ± 2.401E+01 +

Table 4 Experimental results of MCWFS and other state-of-the-art competitors on 30 CEC2017 benchmark functions (D = 100).

FUN	MCWFS	CWFS	WFS	CCWFSSE
	ERROR ± STD	ERROR ± STD	ERROR ± STD	ERROR ± STD
F1	$9.079E+04 \pm 3.076E+04$	3.520E+05 ± 1.236E+05 +	$3.904E+09 \pm 1.440E+09 +$	1.002E+11 ± 1.541E+10 +
F2	$9.912E+29 \pm 6.301E+28$	$1.000E+30 \pm 2.843E+14 \approx$	$1.000E+30 \pm 2.843E+14 \approx$	$2.172E+134 \pm 9.319E+134 +$
F3	$4.310E+02 \pm 2.126E+02$	8.376E+03 ± 5.342E+03 +	1.118E+05 ± 1.208E+04 +	$3.196E+05 \pm 4.439E+04 +$
F4	$2.744E+02 \pm 4.414E+01$	$2.777E+02 \pm 5.115E+01 \approx$	8.701E+02 ± 1.063E+02 +	$1.470E+04 \pm 3.758E+03 +$
F5	$4.220E+02 \pm 6.341E+01$	$4.233E+02 \pm 5.457E+01 \approx$	$5.664E+02 \pm 8.519E+01 +$	$1.118E+03 \pm 1.568E+02 +$
F6	$3.158E+01 \pm 6.911E+00$	$3.229E+01 \pm 5.655E+00 \approx$	$2.766E+01 \pm 7.590E+00 -$	$7.418E+01 \pm 6.454E+00 +$
F7	$6.018E+02 \pm 7.489E+01$	$6.307E+02 \pm 6.311E+01 +$	1.191E+03 ± 1.388E+02 +	$1.885E+03 \pm 1.190E+02 +$
F8	$4.317E+02 \pm 4.378E+01$	$4.320E+02 \pm 5.088E+01 \approx$	5.921E+02 ± 9.029E+01 +	$1.148E+03 \pm 1.311E+02 +$
F9	$1.439E+04 \pm 4.346E+03$	$1.499E+04 \pm 3.903E+03 \approx$	$1.137E+04 \pm 4.462E+03 -$	$5.917E+04 \pm 1.150E+04 +$
F10	$1.085E+04 \pm 1.209E+03$	$1.088E+04 \pm 1.049E+03 \approx$	1.926E+04 ± 1.661E+03 +	$2.345E+04 \pm 1.935E+03 +$
F11	$1.097E+03 \pm 1.496E+02$	$1.369E+03 \pm 2.231E+02 +$	$4.568E+03 \pm 7.797E+02 +$	5.075E+04 ± 1.548E+04 +
F12	$5.396E+06 \pm 2.719E+06$	$3.556E+07 \pm 1.635E+07 +$	1.296E+09 ± 2.863E+08 +	$1.489E+10 \pm 5.978E+09 +$
F13	$3.290E+04 \pm 1.222E+04$	4.294E+04 ± 1.487E+04 +	7.821E+06 ± 4.666E+06 +	$3.910E+08 \pm 3.305E+08 +$
F14	$1.553E+04 \pm 1.106E+04$	1.020E+05 ± 5.229E+04 +	$2.035E+06 \pm 8.195E+05 +$	$4.016E+06 \pm 2.171E+06 +$
F15	$2.122E+04 \pm 9.397E+03$	$3.683E+04 \pm 1.153E+04 +$	1.915E+06 ± 1.674E+06 +	$2.630E+07 \pm 3.875E+07 +$
F16	$2.215E+03 \pm 5.415E+02$	$2.300E+03 \pm 5.128E+02 \approx$	$4.491E+03 \pm 5.926E+02 +$	$5.969E+03 \pm 7.565E+02 +$
F17	$1.678E+03 \pm 2.978E+02$	$1.706E+03 \pm 2.870E+02 \approx$	2.907E+03 ± 4.913E+02 +	$3.923E+03 \pm 4.686E+02 +$
F18	$9.682E+04 \pm 2.948E+04$	2.764E+05 ± 9.560E+04 +	2.467E+06 ± 1.219E+06 +	$6.512E+06 \pm 3.903E+06 +$
F19	$3.636E+04 \pm 2.885E+04$	$3.162E+05 \pm 2.461E+05 +$	6.476E+06 ± 3.870E+06 +	$6.217E+07 \pm 4.405E+07 +$
F20	$1.672E+03 \pm 3.059E+02$	$1.693E+03 \pm 3.065E+02 \approx$	2.899E+03 ± 4.790E+02 +	$3.573E+03 \pm 7.335E+02 +$
F21	$6.718E+02 \pm 5.199E+01$	$6.753E+02 \pm 4.953E+01 \approx$	8.649E+02 ± 9.716E+01 +	$1.376E+03 \pm 1.292E+02 +$
F22	$1.241E+04 \pm 2.144E+03$	$1.250E+04 \pm 1.418E+03 \approx$	2.067E+04 ± 1.341E+03 +	$2.400E+04 \pm 1.940E+03 +$
F23	$1.042E+03 \pm 6.883E+01$	$1.055E+03 \pm 7.595E+01 \approx$	1.500E+03 ± 1.437E+02 +	$2.034E+03 \pm 1.810E+02 +$
F24	$1.408E+03 \pm 1.027E+02$	$1.398E+03 \pm 1.001E+02 \approx$	$2.000E+03 \pm 1.707E+02 +$	$3.258E+03 \pm 3.051E+02 +$
F25	$7.644E+02 \pm 6.390E+01$	$7.876E+02 \pm 7.420E+01 +$	$1.672E+03 \pm 1.093E+02 +$	$7.339E+03 \pm 1.146E+03 +$
F26	$7.710E+03 \pm 1.332E+03$	$7.848E+03 \pm 7.649E+02 \approx$	$1.096E+04 \pm 1.097E+03 +$	$2.212E+04 \pm 2.042E+03 +$
F27	$7.840E+02 \pm 7.186E+01$	$7.727E+02 \pm 6.977E+01 \approx$	$1.421E+03 \pm 1.312E+02 +$	$2.029E+03 \pm 2.089E+02 +$
F28	$5.889E+02 \pm 3.752E+01$	$6.167E+02 \pm 4.565E+01 +$	$2.151E+03 \pm 3.566E+02 +$	$1.223E+04 \pm 1.708E+03 +$
F29	$3.126E+03 \pm 3.699E+02$	$3.250E+03 \pm 4.345E+02 \approx$	$5.322E+03 \pm 6.490E+02 +$	$7.943E+03 \pm 1.342E+03 +$
F30	$1.385E+06 \pm 6.549E+05$	8.467E+06 ± 3.451E+06 +	2.988E+08 ± 7.818E+07 +	$6.956E+08 \pm 3.184E+08 +$
	+/≈/-	13/17/0	27/1/2	30/0/0
	HGSA	GLPSO	IMODE	SIS
	ERROR ± STD	ERROR ± STD	ERROR ± STD	ERROR ± STD
F1	3.707E+03 ± 3.211E+03 -	9.755E+04 ± 1.848E+05 +	1.191E+03 ± 6.482E+03 -	1.480E+04 ± 1.630E+04 -
F2	1.945E+45 ± 1.373E+46 +	1.611E+77 ± 1.151E+78 +	1.457E+149 ± 7.035E+149 +	$3.816E+12 \pm 2.228E+13 -$
F2 F3	1.945E+45 ± 1.373E+46 + 2.744E+05 ± 1.552E+04 +	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 -	3.816E+12 ± 2.228E+13 – 8.880E+03 ± 1.727E+04 +
F2 F3 F4	1.945E+45 ± 1.373E+46 + 2.744E+05 ± 1.552E+04 + 2.736E+02 ± 3.846E+01 ≈	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 -	3.816E+12 ± 2.228E+13 − 8.880E+03 ± 1.727E+04 + 2.660E+02 ± 3.578E+01 ≈
F2 F3 F4 F5	1.945E+45 ± 1.373E+46 + 2.744E+05 ± 1.552E+04 + 2.736E+02 ± 3.846E+01 ≈ 7.287E+02 ± 3.137E+01 +	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 +	3.816E+12 ± 2.228E+13 − 8.880E+03 ± 1.727E+04 + 2.660E+02 ± 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 +
F2 F3 F4 F5 F6	$1.945E+45 \pm 1.373E+46 +$ $2.744E+05 \pm 1.552E+04 +$ $2.736E+02 \pm 3.846E+01 \approx$ $7.287E+02 \pm 3.137E+01 +$ $3.113E+01 \pm 2.947E+00 \approx$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 +	$3.816E+12 \pm 2.228E+13 - 8.880E+03 \pm 1.727E+04 + 2.660E+02 \pm 3.578E+01 \approx 5.378E+02 \pm 7.798E+01 + 3.981E+01 \pm 5.921E+00 +$
F2 F3 F4 F5 F6 F7	$1.945E+45 \pm 1.373E+46 +$ $2.744E+05 \pm 1.552E+04 +$ $2.736E+02 \pm 3.846E+01 \approx$ $7.287E+02 \pm 3.137E+01 +$ $3.113E+01 \pm 2.947E+00 \approx$ $1.518E+02 \pm 8.209E+00 -$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 +	$3.816E+12 \pm 2.228E+13 - 8.880E+03 \pm 1.727E+04 + 2.660E+02 \pm 3.578E+01 \approx 5.378E+02 \pm 7.798E+01 + 3.981E+01 \pm 5.921E+00 + 7.612E+02 \pm 1.023E+02 +$
F2 F3 F4 F5 F6 F7 F8	$1.945E+45 \pm 1.373E+46 +$ $2.744E+05 \pm 1.552E+04 +$ $2.736E+02 \pm 3.846E+01 \approx$ $7.287E+02 \pm 3.137E+01 +$ $3.113E+01 \pm 2.947E+00 \approx$ $1.518E+02 \pm 8.209E+00 7.954E+02 \pm 3.085E+01 +$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 +	$3.816E+12 \pm 2.228E+13 - 8.880E+03 \pm 1.727E+04 + 2.660E+02 \pm 3.578E+01 \approx 5.378E+02 \pm 7.798E+01 + 3.981E+01 \pm 5.921E+00 + 7.612E+02 \pm 1.023E+02 + 5.472E+02 \pm 6.862E+01 +$
F2 F3 F4 F5 F6 F7 F8 F9	$1.945E+45 \pm 1.373E+46 +$ $2.744E+05 \pm 1.552E+04 +$ $2.736E+02 \pm 3.846E+01 \approx$ $7.287E+02 \pm 3.137E+01 +$ $3.113E+01 \pm 2.947E+00 \approx$ $1.518E+02 \pm 8.209E+00 7.954E+02 \pm 3.085E+01 +$ $2.081E+03 \pm 7.172E+02 -$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 + 3.208E+04 ± 3.575E+03 +	$3.816E+12 \pm 2.228E+13 - 8.880E+03 \pm 1.727E+04 + 2.660E+02 \pm 3.578E+01 \approx 5.378E+02 \pm 7.798E+01 + 3.981E+01 \pm 5.921E+00 + 7.612E+02 \pm 1.023E+02 + 5.472E+02 \pm 6.862E+01 + 1.821E+04 \pm 4.802E+03 +$
F2 F3 F4 F5 F6 F7 F8 F9 F10	$1.945E+45 \pm 1.373E+46 + 2.744E+05 \pm 1.552E+04 + 2.736E+02 \pm 3.846E+01 \approx 7.287E+02 \pm 3.137E+01 + 3.113E+01 \pm 2.947E+00 \approx 1.518E+02 \pm 8.209E+00 - 7.954E+02 \pm 3.085E+01 + 2.081E+03 \pm 7.172E+02 - 1.225E+04 \pm 8.714E+02 +$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 + 3.208E+04 ± 3.575E+03 + 1.215E+04 ± 1.112E+03 +	$3.816E+12 \pm 2.228E+13 - 8.880E+03 \pm 1.727E+04 + 2.660E+02 \pm 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 + 3.981E+01 ± 5.921E+00 + 7.612E+02 ± 1.023E+02 + 5.472E+02 ± 6.862E+01 + 1.821E+04 ± 4.802E+03 + 1.251E+04 ± 1.204E+03 +$
F2 F3 F4 F5 F6 F7 F8 F9 F10	$1.945E+45 \pm 1.373E+46 + 2.744E+05 \pm 1.552E+04 + 2.736E+02 \pm 3.846E+01 \approx 7.287E+02 \pm 3.137E+01 + 3.113E+01 \pm 2.947E+00 \approx 1.518E+02 \pm 8.209E+00 - 7.954E+02 \pm 3.085E+01 + 2.081E+03 \pm 7.172E+02 - 1.225E+04 \pm 8.714E+02 + 4.394E+03 \pm 1.405E+03 +$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 + 3.208E+04 ± 3.575E+03 + 1.215E+04 ± 1.112E+03 + 1.314E+03 ± 2.440E+02 +	$3.816E+12 \pm 2.228E+13 - 8.880E+03 \pm 1.727E+04 + 2.660E+02 \pm 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 + 3.981E+01 ± 5.921E+00 + 7.612E+02 ± 1.023E+02 + 5.472E+02 ± 6.862E+01 + 1.821E+04 ± 4.802E+03 + 1.251E+04 ± 1.204E+03 + 1.274E+03 ± 2.290E+02 +$
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12	$1.945E+45 \pm 1.373E+46 + 2.744E+05 \pm 1.552E+04 + 2.736E+02 \pm 3.846E+01 \approx 7.287E+02 \pm 3.137E+01 + 3.113E+01 \pm 2.947E+00 \approx 1.518E+02 \pm 8.209E+00 - 7.954E+02 \pm 3.085E+01 + 2.081E+03 \pm 7.172E+02 - 1.225E+04 \pm 8.714E+02 + 4.394E+03 \pm 1.405E+03 + 1.329E+06 \pm 4.346E+05 -$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 + 3.208E+04 ± 3.575E+03 + 1.215E+04 ± 1.112E+03 + 1.314E+03 ± 2.440E+02 + 7.326E+05 ± 5.202E+06 -	$3.816E+12 \pm 2.228E+13 - 8.880E+03 \pm 1.727E+04 + 2.660E+02 \pm 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 + 3.981E+01 ± 5.921E+00 + 7.612E+02 ± 1.023E+02 + 5.472E+02 ± 6.862E+01 + 1.821E+04 ± 4.802E+03 + 1.251E+04 ± 1.204E+03 + 1.274E+03 ± 2.290E+02 + 9.407E+06 ± 5.109E+06 +$
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13	$\begin{array}{c} 1.945E+45\pm1.373E+46+\\ 2.744E+05\pm1.552E+04+\\ 2.736E+02\pm3.846E+01\approx\\ 7.287E+02\pm3.137E+01+\\ 3.113E+01\pm2.947E+00\approx\\ \textbf{1.518E+02}\pm\textbf{8.209E+00}-\\ 7.954E+02\pm3.085E+01+\\ 2.081E+03\pm7.172E+02-\\ 1.225E+04\pm8.714E+02+\\ 4.394E+03\pm1.405E+03+\\ 1.329E+06\pm4.346E+05-\\ 3.031E+03\pm2.063E+03-\\ \end{array}$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 + 2.420E+04 ± 1.928E+04 -	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 + 3.208E+04 ± 3.575E+03 + 1.215E+04 ± 1.112E+03 + 1.314E+03 ± 2.440E+02 + 7.326E+05 ± 5.202E+06 - 6.909E+02 ± 1.708E+02 -	$3.816E+12 \pm 2.228E+13 - 8.880E+03 \pm 1.727E+04 + 2.660E+02 \pm 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 + 3.981E+01 ± 5.921E+00 + 7.612E+02 ± 1.023E+02 + 5.472E+02 ± 6.862E+01 + 1.821E+04 ± 4.802E+03 + 1.251E+04 ± 1.204E+03 + 1.274E+03 ± 2.290E+02 + 9.407E+06 ± 5.109E+06 + 6.211E+04 ± 2.374E+04 +$
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14	$\begin{array}{c} 1.945E+45\pm1.373E+46+\\ 2.744E+05\pm1.552E+04+\\ 2.736E+02\pm3.846E+01\approx\\ 7.287E+02\pm3.137E+01+\\ 3.113E+01\pm2.947E+00\approx\\ \textbf{1.518E+02}\pm\textbf{8.209E+00}-\\ 7.954E+02\pm3.085E+01+\\ 2.081E+03\pm7.172E+02-\\ 1.225E+04\pm8.714E+02+\\ 4.394E+03\pm1.405E+03+\\ 1.329E+06\pm4.346E+05-\\ 3.031E+03\pm2.063E+03-\\ 2.037E+05\pm3.621E+04+\\ \end{array}$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 + 2.420E+04 ± 1.928E+04 - 3.769E+06 ± 3.642E+06 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 + 3.208E+04 ± 3.575E+03 + 1.215E+04 ± 1.112E+03 + 1.314E+03 ± 2.440E+02 + 7.326E+05 ± 5.202E+06 - 6.909E+02 ± 1.708E+02 - 5.123E+02 ± 1.019E+02 -	$3.816E+12 \pm 2.228E+13 - 8.880E+03 \pm 1.727E+04 + 2.660E+02 \pm 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 + 3.981E+01 ± 5.921E+00 + 7.612E+02 ± 1.023E+02 + 5.472E+02 ± 6.862E+01 + 1.821E+04 ± 4.802E+03 + 1.251E+04 ± 1.204E+03 + 1.274E+03 ± 2.290E+02 + 9.407E+06 ± 5.109E+06 + 6.211E+04 ± 2.374E+04 + 8.382E+04 ± 4.756E+04 +$
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15	$\begin{array}{c} 1.945E+45\pm1.373E+46+\\ 2.744E+05\pm1.552E+04+\\ 2.736E+02\pm3.846E+01\approx\\ 7.287E+02\pm3.137E+01+\\ 3.113E+01\pm2.947E+00\approx\\ \textbf{1.518E+02}\pm\textbf{8.209E+00}-\\ 7.954E+02\pm3.085E+01+\\ 2.081E+03\pm7.172E+02-\\ 1.225E+04\pm8.714E+02+\\ 4.394E+03\pm1.405E+03+\\ 1.329E+06\pm4.346E+05-\\ 3.031E+03\pm2.063E+03-\\ 2.037E+05\pm3.621E+04+\\ 8.601E+02\pm6.547E+02-\\ \end{array}$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 + 2.420E+04 ± 1.928E+04 - 3.769E+06 ± 3.642E+06 + 5.793E+04 ± 4.997E+03 +	$1.457E+149 \pm 7.035E+149 +$ $7.044E-05 \pm 1.808E-06 9.713E+01 \pm 9.964E+01 1.020E+03 \pm 6.795E+01 +$ $6.204E+01 \pm 3.806E+00 +$ $2.224E+03 \pm 3.693E+02 +$ $1.091E+03 \pm 8.806E+01 +$ $3.208E+04 \pm 3.575E+03 +$ $1.215E+04 \pm 1.112E+03 +$ $1.314E+03 \pm 2.440E+02 +$ $7.326E+05 \pm 5.202E+06 6.909E+02 \pm 1.708E+02 5.123E+02 \pm 1.019E+02 2.775E+02 \pm 6.783E+01 -$	$3.816E+12 \pm 2.228E+13 - 8.880E+03 \pm 1.727E+04 + 2.660E+02 \pm 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 + 3.981E+01 ± 5.921E+00 + 7.612E+02 ± 1.023E+02 + 5.472E+02 ± 6.862E+01 + 1.821E+04 ± 4.802E+03 + 1.251E+04 ± 1.204E+03 + 1.274E+03 ± 2.290E+02 + 9.407E+06 ± 5.109E+06 + 6.211E+04 ± 2.374E+04 + 8.382E+04 ± 4.756E+04 + 5.064E+04 ± 1.976E+04 + 4.8882E+04 ± 1.976E+04 ± 1.976E+04 + 4.8882E+04 ± 1.976E+04 ± 1.9$
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16	$\begin{array}{c} 1.945E+45\pm1.373E+46+\\ 2.744E+05\pm1.552E+04+\\ 2.736E+02\pm3.846E+01\approx\\ 7.287E+02\pm3.137E+01+\\ 3.113E+01\pm2.947E+00\approx\\ \textbf{1.518E+02}\pm\textbf{8.209E+00}-\\ 7.954E+02\pm3.085E+01+\\ 2.081E+03\pm7.172E+02-\\ 1.225E+04\pm8.714E+02+\\ 4.394E+03\pm1.405E+03+\\ 1.329E+06\pm4.346E+05-\\ 3.031E+03\pm2.063E+03-\\ 2.037E+05\pm3.621E+04+\\ 8.601E+02\pm6.547E+02-\\ 4.904E+03\pm5.010E+02+\\ \end{array}$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 + 2.420E+04 ± 1.928E+04 - 3.769E+06 ± 3.642E+06 + 5.793E+04 ± 4.997E+03 + 4.085E+03 ± 7.461E+02 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 + 3.208E+04 ± 3.575E+03 + 1.215E+04 ± 1.112E+03 + 1.314E+03 ± 2.440E+02 + 7.326E+05 ± 5.202E+06 - 6.909E+02 ± 1.708E+02 - 5.123E+02 ± 1.019E+02 - 2.775E+02 ± 6.783E+01 - 4.390E+03 ± 9.865E+02 +	$\begin{array}{c} \textbf{3.816E+12} \pm \textbf{2.228E+13} - \\ 8.880E+03 \pm 1.727E+04 + \\ 2.660E+02 \pm 3.578E+01 \approx \\ 5.378E+02 \pm 7.798E+01 + \\ 3.981E+01 \pm 5.921E+00 + \\ 7.612E+02 \pm 1.023E+02 + \\ 5.472E+02 \pm 6.862E+01 + \\ 1.821E+04 \pm 4.802E+03 + \\ 1.251E+04 \pm 1.204E+03 + \\ 1.274E+03 \pm 2.290E+02 + \\ 9.407E+06 \pm 5.109E+06 + \\ 6.211E+04 \pm 2.374E+04 + \\ 8.382E+04 \pm 4.756E+04 + \\ 5.064E+04 \pm 1.976E+04 + \\ 3.092E+03 \pm 5.939E+02 + \\ \end{array}$
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17	$\begin{array}{c} 1.945E+45\pm1.373E+46+\\ 2.744E+05\pm1.552E+04+\\ 2.736E+02\pm3.846E+01\approx\\ 7.287E+02\pm3.137E+01+\\ 3.113E+01\pm2.947E+00\approx\\ \textbf{1.518E+02}\pm\textbf{8.209E+00}-\\ 7.954E+02\pm3.085E+01+\\ 2.081E+03\pm7.172E+02-\\ 1.225E+04\pm8.714E+02+\\ 4.394E+03\pm1.405E+03+\\ 1.329E+06\pm4.346E+05-\\ 3.031E+03\pm2.063E+03-\\ 2.037E+05\pm3.621E+04+\\ 8.601E+02\pm6.547E+02-\\ 4.904E+03\pm5.010E+02+\\ 3.203E+03\pm3.943E+02+\\ \end{array}$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 + 2.420E+04 ± 1.928E+04 - 3.769E+06 ± 3.642E+06 + 5.793E+04 ± 4.997E+03 + 4.085E+03 ± 7.461E+02 + 3.391E+03 ± 4.840E+02 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 + 3.208E+04 ± 3.575E+03 + 1.215E+04 ± 1.112E+03 + 1.314E+03 ± 2.440E+02 + 7.326E+05 ± 5.202E+06 - 6.909E+02 ± 1.708E+02 - 5.123E+02 ± 1.019E+02 - 2.775E+02 ± 6.783E+01 - 4.390E+03 ± 9.865E+02 + 4.026E+03 ± 5.945E+02 +	$\begin{array}{c} \textbf{3.816E+12} \pm \textbf{2.228E+13} - \\ 8.880E+03 \pm 1.727E+04 + \\ 2.660E+02 \pm 3.578E+01 \approx \\ 5.378E+02 \pm 7.798E+01 + \\ 3.981E+01 \pm 5.921E+00 + \\ 7.612E+02 \pm 1.023E+02 + \\ 5.472E+02 \pm 6.862E+01 + \\ 1.821E+04 \pm 4.802E+03 + \\ 1.251E+04 \pm 1.204E+03 + \\ 1.274E+03 \pm 2.290E+02 + \\ 9.407E+06 \pm 5.109E+06 + \\ 6.211E+04 \pm 2.374E+04 + \\ 8.382E+04 \pm 4.756E+04 + \\ 5.064E+04 \pm 1.976E+04 + \\ 3.092E+03 \pm 5.939E+02 + \\ 2.297E+03 \pm 4.945E+02 + \\ \end{array}$
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18	$\begin{array}{l} 1.945E+45\pm1.373E+46+\\ 2.744E+05\pm1.552E+04+\\ 2.736E+02\pm3.846E+01\approx\\ 7.287E+02\pm3.137E+01+\\ 3.113E+01\pm2.947E+00\approx\\ \textbf{1.518E+02}\pm\textbf{8.209E+00}-\\ 7.954E+02\pm3.085E+01+\\ 2.081E+03\pm7.172E+02-\\ 1.225E+04\pm8.714E+02+\\ 4.394E+03\pm1.405E+03+\\ 1.329E+06\pm4.346E+05-\\ 3.031E+03\pm2.063E+03-\\ 2.037E+05\pm3.621E+04+\\ 8.601E+02\pm6.547E+02-\\ 4.904E+03\pm5.010E+02+\\ 3.203E+03\pm3.943E+02+\\ 2.813E+05\pm5.077E+04+\\ \end{array}$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 + 2.420E+04 ± 1.928E+04 - 3.769E+06 ± 3.642E+06 + 5.793E+04 ± 4.997E+03 ± 4.085E+03 ± 7.461E+02 + 3.391E+03 ± 4.840E+02 + 4.552E+06 ± 4.224E+06 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 + 3.208E+04 ± 3.575E+03 + 1.215E+04 ± 1.112E+03 + 1.314E+03 ± 2.440E+02 + 7.326E+05 ± 5.202E+06 - 6.909E+02 ± 1.708E+02 - 5.123E+02 ± 1.019E+02 - 2.775E+02 ± 6.783E+01 - 4.390E+03 ± 9.865E+02 + 4.026E+03 ± 5.945E+02 + 2.739E+02 ± 7.621E+01 -	$ 3.816E+12 \pm 2.228E+13 - 8.880E+03 \pm 1.727E+04 + 2.660E+02 \pm 3.578E+01 ≈ 5.378E+02 \pm 7.798E+01 + 3.981E+01 \pm 5.921E+00 + 7.612E+02 \pm 1.023E+02 + 5.472E+02 \pm 6.862E+01 + 1.821E+04 \pm 4.802E+03 + 1.251E+04 \pm 1.204E+03 + 1.274E+03 \pm 2.290E+02 + 9.407E+06 \pm 5.109E+06 + 6.211E+04 \pm 2.374E+04 + 8.382E+04 \pm 4.756E+04 + 5.064E+04 \pm 1.976E+04 + 3.092E+03 \pm 5.939E+02 + 2.297E+03 \pm 4.945E+02 + 2.365E+05 \pm 7.763E+04 + $
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19	$\begin{array}{c} 1.945E+45\pm1.373E+46+\\ 2.744E+05\pm1.552E+04+\\ 2.736E+02\pm3.846E+01\approx\\ 7.287E+02\pm3.137E+01+\\ 3.113E+01\pm2.947E+00\approx\\ \textbf{1.518E+02}\pm\textbf{8.209E+00}-\\ 7.954E+02\pm3.085E+01+\\ 2.081E+03\pm7.172E+02-\\ 1.225E+04\pm8.714E+02+\\ 4.394E+03\pm1.405E+03+\\ 1.329E+06\pm4.346E+05-\\ 3.031E+03\pm2.063E+03-\\ 2.037E+05\pm3.621E+04+\\ 8.601E+02\pm6.547E+02-\\ 4.904E+03\pm5.010E+02+\\ 3.203E+03\pm3.943E+02+\\ 2.813E+05\pm5.077E+04+\\ 1.226E+03\pm9.443E+02-\\ \end{array}$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 + 2.420E+04 ± 1.928E+04 - 3.769E+06 ± 3.642E+06 + 5.793E+04 ± 4.997E+03 + 4.085E+03 ± 7.461E+02 + 3.391E+03 ± 4.840E+02 + 4.552E+06 ± 4.224E+06 + 5.520E+04 ± 5.474E+03 +	$\begin{array}{c} 1.457E+149\pm7.035E+149+\\ \textbf{7.044E-05}\pm1.808E-06-\\ \textbf{9.713E+01}\pm9.964E+01-\\ 1.020E+03\pm6.795E+01+\\ 6.204E+01\pm3.806E+00+\\ 2.224E+03\pm3.693E+02+\\ 1.091E+03\pm8.806E+01+\\ 3.208E+04\pm3.575E+03+\\ 1.215E+04\pm1.112E+03+\\ 1.314E+03\pm2.440E+02+\\ \textbf{7.326E+05}\pm5.202E+06-\\ \textbf{6.909E+02}\pm1.708E+02-\\ \textbf{5.123E+02}\pm1.019E+02-\\ \textbf{2.775E+02}\pm6.783E+01-\\ 4.390E+03\pm9.865E+02+\\ 4.026E+03\pm5.945E+02-\\ \textbf{2.739E+02}\pm7.621E+01-\\ \textbf{7.536E+02}\pm9.661E+02-\\ \end{array}$	$ 3.816E+12 \pm 2.228E+13 - 8.880E+03 \pm 1.727E+04 + 2.660E+02 \pm 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 + 3.981E+01 ± 5.921E+00 + 7.612E+02 ± 1.023E+02 + 5.472E+02 ± 6.862E+01 + 1.821E+04 ± 4.802E+03 + 1.251E+04 ± 1.204E+03 + 1.274E+03 ± 2.290E+02 + 9.407E+06 ± 5.109E+06 + 6.211E+04 ± 2.374E+04 + 8.382E+04 ± 4.756E+04 + 5.064E+04 ± 1.976E+04 + 3.092E+03 ± 5.939E+02 + 2.297E+03 ± 4.945E+02 + 2.365E+05 ± 7.763E+04 + 3.784E+05 ± 1.087E+05 + $
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20	$\begin{array}{c} 1.945E+45\pm1.373E+46+\\ 2.744E+05\pm1.552E+04+\\ 2.736E+02\pm3.846E+01\approx\\ 7.287E+02\pm3.137E+01+\\ 3.113E+01\pm2.947E+00\approx\\ \textbf{1.518E+02}\pm\textbf{8.209E+00}-\\ 7.954E+02\pm3.085E+01+\\ 2.081E+03\pm7.172E+02-\\ 1.225E+04\pm8.714E+02+\\ 4.394E+03\pm1.405E+03+\\ 1.329E+06\pm4.346E+05-\\ 3.031E+03\pm2.063E+03-\\ 2.037E+05\pm3.621E+04+\\ \textbf{8.601E+02}\pm6.547E+02-\\ 4.904E+03\pm5.010E+02+\\ 3.203E+03\pm3.943E+02+\\ 2.813E+05\pm5.077E+04+\\ 1.226E+03\pm9.443E+02-\\ 3.891E+03\pm3.827E+02+\\ \end{array}$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 + 2.420E+04 ± 1.928E+04 - 3.769E+06 ± 3.642E+06 + 5.793E+04 ± 4.997E+03 + 4.085E+03 ± 7.461E+02 + 3.391E+03 ± 4.840E+02 + 4.552E+06 ± 4.224E+06 + 5.520E+04 ± 5.474E+03 + 2.877E+03 ± 5.376E+02 +	$\begin{array}{c} 1.457E+149\pm7.035E+149+\\ \textbf{7.044E-05}\pm1.808E-06-\\ \textbf{9.713E+01}\pm9.964E+01-\\ 1.020E+03\pm6.795E+01+\\ 6.204E+01\pm3.806E+00+\\ 2.224E+03\pm3.693E+02+\\ 1.091E+03\pm8.806E+01+\\ 3.208E+04\pm3.575E+03+\\ 1.215E+04\pm1.112E+03+\\ 1.314E+03\pm2.440E+02+\\ \textbf{7.326E+05}\pm5.202E+06-\\ \textbf{6.909E+02}\pm1.708E+02-\\ \textbf{5.123E+02}\pm1.019E+02-\\ \textbf{2.775E+02}\pm6.783E+01-\\ 4.390E+03\pm9.865E+02+\\ 4.026E+03\pm5.945E+02+\\ \textbf{2.739E+02}\pm7.621E+01-\\ \textbf{7.536E+02}\pm9.661E+02-\\ \textbf{2.990E+03}\pm4.537E+02+\\ \end{array}$	$ 3.816E+12 \pm 2.228E+13 - 8.880E+03 \pm 1.727E+04 + 2.660E+02 \pm 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 + 3.981E+01 ± 5.921E+00 + 7.612E+02 ± 1.023E+02 + 5.472E+02 ± 6.862E+01 + 1.821E+04 ± 4.802E+03 + 1.251E+04 ± 1.204E+03 + 1.274E+03 ± 2.290E+02 + 9.407E+06 ± 5.109E+06 + 6.211E+04 ± 2.374E+04 + 8.382E+04 ± 4.756E+04 + 5.064E+04 ± 1.976E+04 + 3.092E+03 ± 5.939E+02 + 2.297E+03 ± 4.945E+02 + 2.365E+05 ± 7.763E+04 + 3.784E+05 ± 1.087E+05 + 2.659E+03 ± 5.464E+02 +$
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21	$\begin{array}{l} 1.945E+45\pm1.373E+46+\\ 2.744E+05\pm1.552E+04+\\ 2.736E+02\pm3.846E+01\approx\\ 7.287E+02\pm3.137E+01+\\ 3.113E+01\pm2.947E+00\approx\\ \textbf{1.518E+02}\pm\textbf{8.209E+00}-\\ 7.954E+02\pm3.085E+01+\\ 2.081E+03\pm7.172E+02-\\ 1.225E+04\pm8.714E+02+\\ 4.394E+03\pm1.405E+03+\\ 1.329E+06\pm4.346E+05-\\ 3.031E+03\pm2.063E+03-\\ 2.037E+05\pm3.621E+04+\\ 8.601E+02\pm6.547E+02-\\ 4.904E+03\pm5.010E+02+\\ 3.203E+03\pm3.943E+02+\\ 2.813E+05\pm5.077E+04+\\ 1.226E+03\pm9.443E+02-\\ 3.891E+03\pm3.827E+02+\\ 9.193E+02\pm4.243E+01+\\ \end{array}$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 + 2.420E+04 ± 1.928E+04 - 3.769E+06 ± 3.642E+06 + 5.793E+04 ± 4.997E+03 + 4.085E+03 ± 7.461E+02 + 3.391E+03 ± 4.840E+02 + 4.552E+06 ± 4.224E+06 + 5.520E+04 ± 5.474E+03 + 2.877E+03 ± 5.376E+02 + 6.739E+02 ± 5.677E+01 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 + 3.208E+04 ± 3.575E+03 + 1.215E+04 ± 1.112E+03 + 1.314E+03 ± 2.440E+02 + 7.326E+05 ± 5.202E+06 - 6.909E+02 ± 1.708E+02 - 5.123E+02 ± 1.019E+02 - 2.775E+02 ± 6.783E+01 - 4.390E+03 ± 9.865E+02 + 4.026E+03 ± 5.945E+02 + 2.739E+02 ± 7.621E+01 - 7.536E+02 ± 9.661E+02 - 2.990E+03 ± 4.537E+02 + 1.412E+03 ± 1.034E+02 +	$ 3.816E+12 \pm 2.228E+13 - 8.880E+03 \pm 1.727E+04 + 2.660E+02 \pm 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 + 3.981E+01 ± 5.921E+00 + 7.612E+02 ± 1.023E+02 + 5.472E+02 ± 6.862E+01 + 1.821E+04 ± 4.802E+03 + 1.251E+04 ± 1.204E+03 + 1.274E+03 ± 2.290E+02 + 9.407E+06 ± 5.109E+06 + 6.211E+04 ± 2.374E+04 + 8.382E+04 ± 4.756E+04 + 5.064E+04 ± 1.976E+04 + 3.092E+03 ± 5.939E+02 + 2.297E+03 ± 4.945E+02 + 2.365E+05 ± 7.763E+04 + 3.784E+05 ± 1.087E+05 + 2.659E+03 ± 5.464E+02 + 7.639E+02 ± 9.062E+01 + $
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21 F22	$\begin{array}{c} 1.945E+45\pm1.373E+46+\\ 2.744E+05\pm1.552E+04+\\ 2.736E+02\pm3.846E+01\approx\\ 7.287E+02\pm3.137E+01+\\ 3.113E+01\pm2.947E+00\approx\\ \textbf{1.518E+02}\pm\textbf{8.209E+00}-\\ 7.954E+02\pm3.085E+01+\\ 2.081E+03\pm7.172E+02-\\ 1.225E+04\pm8.714E+02+\\ 4.394E+03\pm1.405E+03+\\ 1.329E+06\pm4.346E+05-\\ 3.031E+03\pm2.063E+03-\\ 2.037E+05\pm3.621E+04+\\ 8.601E+02\pm6.547E+02-\\ 4.904E+03\pm5.010E+02+\\ 3.203E+03\pm3.943E+02-\\ 2.813E+05\pm5.077E+04+\\ 1.226E+03\pm9.443E+02-\\ 3.891E+03\pm3.827E+02+\\ 9.193E+02\pm4.243E+01+\\ 1.694E+04\pm8.212E+02+\\ \end{array}$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 + 2.420E+04 ± 1.928E+04 - 3.769E+06 ± 3.642E+06 + 5.793E+04 ± 4.997E+03 + 4.085E+03 ± 7.461E+02 + 4.3591E+03 ± 4.840E+02 + 4.552E+06 ± 4.224E+06 + 5.520E+04 ± 5.474E+03 + 2.877E+03 ± 5.376E+02 + 6.739E+02 ± 5.677E+01 + 1.252E+04 ± 1.109E+03 +	$\begin{array}{c} 1.457E+149\pm7.035E+149+\\ \textbf{7.044E-05}\pm1.808E-06-\\ \textbf{9.713E+01}\pm9.964E+01-\\ 1.020E+03\pm6.795E+01+\\ 6.204E+01\pm3.806E+00+\\ 2.224E+03\pm3.693E+02+\\ 1.091E+03\pm8.806E+01+\\ 3.208E+04\pm3.575E+03+\\ 1.215E+04\pm1.112E+03+\\ 1.314E+03\pm2.440E+02+\\ \textbf{7.326E+05}\pm5.202E+06-\\ \textbf{6.909E+02}\pm1.708E+02-\\ \textbf{5.123E+02}\pm1.019E+02-\\ \textbf{2.775E+02}\pm6.783E+01-\\ 4.390E+03\pm9.865E+02+\\ 4.026E+03\pm5.945E+02-\\ \textbf{2.739E+02}\pm7.621E+01-\\ \textbf{7.536E+02}\pm9.661E+02-\\ \textbf{2.990E+03}\pm4.537E+02+\\ 1.412E+03\pm1.034E+02+\\ 1.370E+04\pm1.268E+03+\\ \end{array}$	3.816E+12 ± 2.228E+13 − 8.880E+03 ± 1.727E+04 + 2.660E+02 ± 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 + 3.981E+01 ± 5.921E+00 + 7.612E+02 ± 1.023E+02 + 5.472E+02 ± 6.862E+01 + 1.821E+04 ± 4.802E+03 + 1.251E+04 ± 1.204E+03 + 1.274E+03 ± 2.290E+02 + 9.407E+06 ± 5.109E+06 + 6.211E+04 ± 2.374E+04 + 8.382E+04 ± 4.756E+04 + 5.064E+04 ± 1.976E+04 + 3.092E+03 ± 5.939E+02 + 2.297E+03 ± 4.945E+02 + 2.365E+05 ± 7.763E+04 + 3.784E+05 ± 1.087E+05 + 2.659E+03 ± 5.464E+02 + 7.639E+02 ± 9.062E+01 + 1.365E+04 ± 3.627E+03 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21 F22 F23	$\begin{array}{c} 1.945E+45\pm1.373E+46+\\ 2.744E+05\pm1.552E+04+\\ 2.736E+02\pm3.846E+01\approx\\ 7.287E+02\pm3.137E+01+\\ 3.113E+01\pm2.947E+00\approx\\ \textbf{1.518E+02}\pm\textbf{8.209E+00}-\\ 7.954E+02\pm3.085E+01+\\ 2.081E+03\pm7.172E+02-\\ 1.225E+04\pm8.714E+02+\\ 4.394E+03\pm1.405E+03+\\ 1.329E+06\pm4.346E+05-\\ 3.031E+03\pm2.063E+03-\\ 2.037E+05\pm3.621E+04+\\ 8.601E+02\pm6.547E+02-\\ 4.904E+03\pm5.010E+02+\\ 3.203E+03\pm9.433E+02+\\ 2.813E+05\pm5.077E+04+\\ 1.226E+03\pm9.443E+02-\\ 3.891E+03\pm3.827E+02+\\ 9.193E+02\pm4.243E+01+\\ 1.694E+04\pm8.212E+02+\\ 3.091E+03\pm2.906E+02+\\ \end{array}$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 + 2.420E+04 ± 1.928E+04 - 3.769E+06 ± 3.642E+06 + 5.793E+04 ± 4.997E+03 + 4.085E+03 ± 7.461E+02 + 3.391E+03 ± 4.840E+02 + 4.552E+06 ± 4.224E+06 + 5.520E+04 ± 5.474E+03 + 2.877E+03 ± 5.376E+02 + 6.739E+02 ± 5.677E+01 + 1.252E+04 ± 1.109E+03 + 2.129E+03 ± 4.552E+01 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 + 3.208E+04 ± 3.575E+03 + 1.215E+04 ± 1.112E+03 + 1.314E+03 ± 2.440E+02 + 7.326E+05 ± 5.202E+06 - 6.909E+02 ± 1.708E+02 - 5.123E+02 ± 1.019E+02 - 2.775E+02 ± 6.783E+01 - 4.390E+03 ± 9.865E+02 + 4.026E+03 ± 5.945E+02 + 2.739E+02 ± 7.621E+01 - 7.536E+02 ± 9.661E+02 - 2.990E+03 ± 4.537E+02 + 1.412E+03 ± 1.034E+02 + 1.370E+04 ± 1.268E+03 + 2.005E+03 ± 1.524E+02 +	3.816E+12 ± 2.228E+13 − 8.880E+03 ± 1.727E+04 + 2.660E+02 ± 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 + 3.981E+01 ± 5.921E+00 + 7.612E+02 ± 1.023E+02 + 5.472E+02 ± 6.862E+01 + 1.821E+04 ± 4.802E+03 + 1.251E+04 ± 1.204E+03 + 1.274E+03 ± 2.290E+02 + 9.407E+06 ± 5.109E+06 + 6.211E+04 ± 2.374E+04 + 8.382E+04 ± 4.756E+04 + 5.064E+04 ± 1.976E+04 + 3.092E+03 ± 5.939E+02 + 2.297E+03 ± 4.945E+02 + 2.365E+05 ± 7.763E+04 + 3.784E+05 ± 1.087E+05 + 2.659E+03 ± 5.464E+02 + 7.639E+02 ± 9.062E+01 + 1.365E+04 ± 3.627E+03 + 1.182E+03 ± 9.514E+01 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21 F22 F23 F24	$\begin{array}{l} 1.945E+45\pm1.373E+46+\\ 2.744E+05\pm1.552E+04+\\ 2.736E+02\pm3.846E+01\approx\\ 7.287E+02\pm3.137E+01+\\ 3.113E+01\pm2.947E+00\approx\\ \textbf{1.518E+02}\pm\textbf{8.209E+00}-\\ 7.954E+02\pm3.085E+01+\\ 2.081E+03\pm7.172E+02-\\ 1.225E+04\pm8.714E+02+\\ 4.394E+03\pm1.405E+03+\\ 1.329E+06\pm4.346E+05-\\ 3.031E+03\pm2.063E+03-\\ 2.037E+05\pm3.621E+04+\\ 8.601E+02\pm6.547E+02-\\ 4.904E+03\pm5.010E+02+\\ 3.203E+03\pm3.943E+02+\\ 2.813E+05\pm5.077E+04+\\ 1.226E+03\pm9.443E+02-\\ 3.891E+03\pm3.827E+02+\\ 9.193E+02\pm4.243E+01+\\ 1.694E+04\pm8.212E+02+\\ 3.091E+03\pm2.906E+02+\\ 1.264E+03\pm7.487E+01-\\ \end{array}$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 + 2.420E+04 ± 1.928E+04 - 3.769E+06 ± 3.642E+06 + 5.793E+04 ± 4.997E+03 + 4.085E+03 ± 7.461E+02 + 3.391E+03 ± 4.840E+02 + 4.552E+06 ± 4.224E+06 + 5.520E+04 ± 5.474E+03 + 2.877E+03 ± 5.376E+02 + 6.739E+02 ± 5.677E+01 + 1.252E+04 ± 1.109E+03 + 2.129E+03 ± 4.525E+01 + 1.475E+03 ± 6.757E+01 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 + 3.208E+04 ± 3.575E+03 + 1.215E+04 ± 1.112E+03 + 1.314E+03 ± 2.440E+02 + 7.326E+05 ± 5.202E+06 - 6.909E+02 ± 1.708E+02 - 5.123E+02 ± 1.019E+02 - 2.775E+02 ± 6.783E+01 - 4.390E+03 ± 9.865E+02 + 4.026E+03 ± 5.945E+02 + 2.739E+02 ± 7.621E+01 - 7.536E+02 ± 9.661E+02 - 2.990E+03 ± 4.537E+02 + 1.412E+03 ± 1.034E+02 + 1.370E+04 ± 1.268E+03 + 2.005E+03 ± 3.364E+02 + 2.602E+03 ± 3.364E+02 +	3.816E+12 ± 2.228E+13 − 8.880E+03 ± 1.727E+04 + 2.660E+02 ± 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 + 3.981E+01 ± 5.921E+00 + 7.612E+02 ± 1.023E+02 + 5.472E+02 ± 6.862E+01 + 1.821E+04 ± 4.802E+03 + 1.251E+04 ± 1.204E+03 + 1.274E+03 ± 2.290E+02 + 9.407E+06 ± 5.109E+06 + 6.211E+04 ± 2.374E+04 + 8.382E+04 ± 4.756E+04 + 5.064E+04 ± 1.976E+04 + 3.092E+03 ± 5.939E+02 + 2.297E+03 ± 4.945E+02 + 2.365E+05 ± 7.763E+04 + 3.784E+05 ± 1.087E+05 + 2.659E+03 ± 5.464E+02 + 7.639E+02 ± 9.062E+01 + 1.365E+04 ± 3.627E+03 + 1.182E+03 ± 9.514E+01 + 1.447E+03 ± 8.889E+01 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21 F22 F23 F24 F25	$\begin{array}{l} 1.945E+45\pm1.373E+46+\\ 2.744E+05\pm1.552E+04+\\ 2.736E+02\pm3.846E+01\approx\\ 7.287E+02\pm3.137E+01+\\ 3.113E+01\pm2.947E+00\approx\\ \textbf{1.518E+02}\pm8.209E+00-\\ 7.954E+02\pm3.085E+01+\\ 2.081E+03\pm7.172E+02-\\ 1.225E+04\pm8.714E+02+\\ 4.394E+03\pm1.405E+03+\\ 1.329E+06\pm4.346E+05-\\ 3.031E+03\pm2.063E+03-\\ 2.037E+05\pm3.621E+04+\\ 8.601E+02\pm6.547E+02-\\ 4.904E+03\pm5.010E+02+\\ 3.203E+03\pm3.943E+02+\\ 2.813E+05\pm5.077E+04+\\ 1.226E+03\pm9.443E+02-\\ 3.891E+03\pm3.827E+02+\\ 9.193E+02\pm4.243E+01+\\ 1.694E+04\pm8.212E+02+\\ 3.091E+03\pm2.906E+02+\\ 1.264E+03\pm7.487E+01-\\ 8.390E+02\pm5.914E+01+\\ \end{array}$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 + 2.420E+04 ± 1.928E+04 - 3.769E+06 ± 3.642E+06 + 5.793E+04 ± 4.997E+03 + 4.085E+03 ± 7.461E+02 + 3.391E+03 ± 4.840E+02 + 4.552E+06 ± 4.224E+06 + 5.520E+04 ± 5.474E+03 + 2.877E+03 ± 5.376E+02 + 6.739E+02 ± 5.677E+01 + 1.252E+04 ± 1.109E+03 + 2.129E+03 ± 4.525E+01 + 1.475E+03 ± 6.757E+01 + 8.454E+02 ± 5.749E+01 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 + 3.208E+04 ± 3.575E+03 + 1.215E+04 ± 1.112E+03 + 1.314E+03 ± 2.440E+02 + 7.326E+05 ± 5.202E+06 - 6.909E+02 ± 1.708E+02 - 2.775E+02 ± 6.783E+01 - 4.390E+03 ± 9.865E+02 + 4.026E+03 ± 5.945E+02 + 2.739E+02 ± 7.621E+01 - 7.536E+02 ± 9.661E+02 - 2.990E+03 ± 4.537E+02 + 1.412E+03 ± 1.034E+02 + 1.370E+04 ± 1.268E+03 + 2.005E+03 ± 3.364E+02 + 2.602E+03 ± 3.364E+02 + 2.602E+03 ± 3.364E+02 + 2.602E+03 ± 3.364E+02 + 7.159E+02 ± 4.740E+01 -	3.816E+12 ± 2.228E+13 − 8.880E+03 ± 1.727E+04 + 2.660E+02 ± 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 + 3.981E+01 ± 5.921E+00 + 7.612E+02 ± 1.023E+02 + 5.472E+02 ± 6.862E+01 + 1.821E+04 ± 4.802E+03 + 1.251E+04 ± 1.204E+03 + 1.274E+03 ± 2.290E+02 + 9.407E+06 ± 5.109E+06 + 6.211E+04 ± 2.374E+04 + 8.382E+04 ± 4.756E+04 + 5.064E+04 ± 1.976E+04 + 3.092E+03 ± 5.939E+02 + 2.297E+03 ± 4.945E+02 ± 2.365E+05 ± 7.763E+04 + 3.784E+05 ± 1.087E+05 + 2.659E+03 ± 5.464E+02 ± 7.639E+02 ± 9.062E+01 + 1.365E+04 ± 3.627E+03 + 1.182E+03 ± 9.514E+01 + 1.447E+03 ± 8.889E+01 + 7.855E+02 ± 7.441E+01 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21 F22 F23 F24 F25 F26	$\begin{array}{l} 1.945E+45\pm1.373E+46+\\ 2.744E+05\pm1.552E+04+\\ 2.736E+02\pm3.846E+01\approx\\ 7.287E+02\pm3.137E+01+\\ 3.113E+01\pm2.947E+00\approx\\ \textbf{1.518E+02}\pm8.209E+00-\\ 7.954E+02\pm3.085E+01+\\ 2.081E+03\pm7.172E+02-\\ 1.225E+04\pm8.714E+02+\\ 4.394E+03\pm1.405E+03+\\ 1.329E+06\pm4.346E+05-\\ 3.031E+03\pm2.063E+03-\\ 2.037E+05\pm3.621E+04+\\ 8.601E+02\pm6.547E+02-\\ 4.904E+03\pm5.010E+02+\\ 3.203E+03\pm3.943E+02+\\ 2.813E+05\pm5.077E+04+\\ 1.226E+03\pm9.443E+02-\\ 3.891E+03\pm3.827E+02+\\ 9.193E+02\pm4.243E+01+\\ 1.694E+04\pm8.212E+02+\\ 3.091E+03\pm2.906E+02+\\ 1.264E+03\pm7.487E+01-\\ 8.390E+02\pm5.914E+01+\\ 5.524E+02\pm1.803E+03-\\ \end{array}$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 + 2.420E+04 ± 1.928E+04 - 3.769E+06 ± 3.642E+06 + 5.793E+04 ± 4.997E+03 + 4.085E+03 ± 7.461E+02 + 3.391E+03 ± 4.840E+02 + 4.552E+06 ± 4.224E+06 + 5.520E+04 ± 5.474E+03 + 2.877E+03 ± 5.376E+02 + 6.739E+02 ± 5.677E+01 + 1.252E+04 ± 1.109E+03 + 2.129E+03 ± 4.525E+01 + 1.475E+03 ± 6.757E+01 + 8.454E+02 ± 5.749E+01 + 8.555E+03 ± 5.981E+02 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 + 3.208E+04 ± 3.575E+03 + 1.215E+04 ± 1.112E+03 + 1.314E+03 ± 2.440E+02 + 7.326E+05 ± 5.202E+06 - 6.909E+02 ± 1.708E+02 - 2.775E+02 ± 6.783E+01 - 4.390E+03 ± 9.865E+02 + 4.026E+03 ± 5.945E+02 + 2.739E+02 ± 7.621E+01 - 7.536E+02 ± 9.661E+02 - 2.990E+03 ± 4.537E+02 + 1.412E+03 ± 1.034E+02 + 1.370E+04 ± 1.268E+03 + 2.005E+03 ± 3.364E+02 + 2.602E+03 ± 3.364E+02 + 7.159E+02 ± 4.740E+01 - 1.295E+04 ± 2.007E+03 +	3.816E+12 ± 2.228E+13 − 8.880E+03 ± 1.727E+04 + 2.660E+02 ± 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 + 3.981E+01 ± 5.921E+00 + 7.612E+02 ± 1.023E+02 + 5.472E+02 ± 6.862E+01 + 1.821E+04 ± 4.802E+03 + 1.251E+04 ± 1.204E+03 + 1.274E+03 ± 2.290E+02 + 9.407E+06 ± 5.109E+06 + 6.211E+04 ± 2.374E+04 + 8.382E+04 ± 4.756E+04 + 5.064E+04 ± 1.976E+04 ± 3.092E+03 ± 5.939E+02 + 2.297E+03 ± 4.945E+02 ± 2.365E+05 ± 7.763E+04 + 3.784E+05 ± 1.087E+05 + 2.659E+03 ± 5.464E+02 ± 7.639E+02 ± 9.062E+01 + 1.365E+04 ± 3.627E+03 + 1.182E+03 ± 9.514E+01 + 1.447E+03 ± 8.889E+01 + 7.855E+02 ± 7.441E+01 + 8.871E+03 ± 9.829E+02 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21 F22 F23 F24 F25 F26 F27	1.945E+45 ± 1.373E+46 + 2.744E+05 ± 1.552E+04 + 2.736E+02 ± 3.846E+01 ≈ 7.287E+02 ± 3.137E+01 + 3.113E+01 ± 2.947E+00 ≈ 1.518E+02 ± 8.209E+00 − 7.954E+02 ± 3.085E+01 ± 2.081E+03 ± 7.172E+02 − 1.225E+04 ± 8.714E+02 ± 4.394E+03 ± 1.405E+03 ± 1.329E+06 ± 4.346E+05 − 3.031E+03 ± 2.063E+03 − 2.037E+05 ± 3.621E+04 ± 8.601E+02 ± 6.547E+02 − 4.904E+03 ± 5.010E+02 ± 3.203E+03 ± 3.943E+02 ± 2.813E+05 ± 5.077E+04 ± 1.226E+03 ± 3.827E+02 ± 9.193E+02 ± 4.243E+01 ± 1.694E+04 ± 8.212E+02 ± 3.091E+03 ± 2.906E+02 ± 1.264E+03 ± 7.487E+01 − 8.390E+02 ± 5.914E+01 ± 5.524E+02 ± 1.453E+03 ± 2.107E+02 ±	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 + 2.420E+04 ± 1.928E+04 - 3.769E+06 ± 3.642E+06 + 5.793E+04 ± 4.997E+03 + 4.085E+03 ± 7.461E+02 + 3.391E+03 ± 4.840E+02 + 4.552E+06 ± 4.224E+06 + 5.520E+04 ± 5.77E+03 ± 5.376E+02 ± 6.739E+02 ± 5.677E+01 + 1.252E+04 ± 1.109E+03 + 2.129E+03 ± 4.525E+01 + 1.475E+03 ± 6.757E+01 + 8.454E+02 ± 5.749E+01 + 8.555E+03 ± 5.981E+02 + 8.547E+02 ± 5.908E+01 + 8.555E+03 ± 5.981E+02 + 8.547E+02 ± 5.908E+01 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 + 3.208E+04 ± 3.575E+03 + 1.215E+04 ± 1.112E+03 + 1.314E+03 ± 2.440E+02 + 7.326E+05 ± 5.202E+06 - 6.909E+02 ± 1.708E+02 - 2.775E+02 ± 6.783E+01 - 4.390E+03 ± 9.865E+02 + 4.026E+03 ± 5.945E+02 + 2.739E+02 ± 7.621E+01 - 7.536E+02 ± 9.661E+02 - 2.990E+03 ± 4.537E+02 + 1.370E+04 ± 1.268E+03 + 2.005E+03 ± 1.524E+02 + 2.602E+03 ± 3.364E+02 + 7.159E+02 ± 4.740E+01 - 1.295E+04 ± 2.007E+03 + 1.610E+03 ± 2.545E+02 +	3.816E+12 ± 2.228E+13 − 8.880E+03 ± 1.727E+04 + 2.660E+02 ± 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 + 3.981E+01 ± 5.921E+00 + 7.612E+02 ± 1.023E+02 + 5.472E+02 ± 6.862E+01 + 1.821E+04 ± 4.802E+03 + 1.251E+04 ± 1.204E+03 + 1.274E+03 ± 2.290E+02 + 9.407E+06 ± 5.109E+06 + 6.211E+04 ± 2.374E+04 + 8.382E+04 ± 4.756E+04 + 5.064E+04 ± 1.976E+04 + 3.092E+03 ± 5.939E+02 + 2.297E+03 ± 4.945E+02 + 2.365E+05 ± 7.763E+04 + 3.784E+05 ± 1.087E+05 ± 2.659E+03 ± 5.464E+02 ± 7.639E+02 ± 9.062E+01 + 1.365E+04 ± 3.627E+03 + 1.182E+03 ± 9.514E+01 + 1.447E+03 ± 8.889E+01 + 7.855E+02 ± 7.441E+01 + 8.871E+03 ± 9.829E+02 + 8.012E+02 ± 5.647E+01 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21 F22 F23 F24 F25 F26	$\begin{array}{l} 1.945E+45\pm1.373E+46+\\ 2.744E+05\pm1.552E+04+\\ 2.736E+02\pm3.846E+01\approx\\ 7.287E+02\pm3.137E+01+\\ 3.113E+01\pm2.947E+00\approx\\ \textbf{1.518E+02}\pm8.209E+00-\\ 7.954E+02\pm3.085E+01+\\ 2.081E+03\pm7.172E+02-\\ 1.225E+04\pm8.714E+02+\\ 4.394E+03\pm1.405E+03+\\ 1.329E+06\pm4.346E+05-\\ 3.031E+03\pm2.063E+03-\\ 2.037E+05\pm3.621E+04+\\ 8.601E+02\pm6.547E+02-\\ 4.904E+03\pm5.010E+02+\\ 3.203E+03\pm3.943E+02+\\ 2.813E+05\pm5.077E+04+\\ 1.226E+03\pm9.443E+02-\\ 3.891E+03\pm3.827E+02+\\ 9.193E+02\pm4.243E+01+\\ 1.694E+04\pm8.212E+02+\\ 3.091E+03\pm2.906E+02+\\ 1.264E+03\pm7.487E+01-\\ 8.390E+02\pm5.914E+01+\\ 5.524E+02\pm1.803E+03-\\ \end{array}$	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 + 2.420E+04 ± 1.928E+04 - 3.769E+06 ± 3.642E+06 + 5.793E+04 ± 4.997E+03 + 4.085E+03 ± 7.461E+02 + 3.391E+03 ± 4.840E+02 + 4.552E+06 ± 4.224E+06 + 5.520E+04 ± 5.474E+03 + 2.877E+03 ± 5.376E+02 + 6.739E+02 ± 5.677E+01 + 1.252E+04 ± 1.109E+03 + 2.129E+03 ± 4.525E+01 + 1.475E+03 ± 6.757E+01 + 8.454E+02 ± 5.749E+01 + 8.555E+03 ± 5.981E+02 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 + 3.208E+04 ± 3.575E+03 + 1.215E+04 ± 1.112E+03 + 1.314E+03 ± 2.440E+02 + 7.326E+05 ± 5.202E+06 - 6.909E+02 ± 1.708E+02 - 2.775E+02 ± 6.783E+01 - 4.390E+03 ± 9.865E+02 + 4.026E+03 ± 5.945E+02 + 2.739E+02 ± 7.621E+01 - 7.536E+02 ± 9.661E+02 - 2.990E+03 ± 4.537E+02 + 1.412E+03 ± 1.034E+02 + 1.370E+04 ± 1.268E+03 + 2.005E+03 ± 3.364E+02 + 2.602E+03 ± 3.364E+02 + 7.159E+02 ± 4.740E+01 - 1.295E+04 ± 2.007E+03 +	3.816E+12 ± 2.228E+13 − 8.880E+03 ± 1.727E+04 + 2.660E+02 ± 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 + 3.981E+01 ± 5.921E+00 + 7.612E+02 ± 1.023E+02 + 5.472E+02 ± 6.862E+01 + 1.821E+04 ± 4.802E+03 + 1.251E+04 ± 1.204E+03 + 1.274E+03 ± 2.290E+02 + 9.407E+06 ± 5.109E+06 + 6.211E+04 ± 2.374E+04 + 8.382E+04 ± 4.756E+04 + 5.064E+04 ± 1.976E+04 ± 3.092E+03 ± 5.939E+02 + 2.297E+03 ± 4.945E+02 ± 2.365E+05 ± 7.763E+04 + 3.784E+05 ± 1.087E+05 + 2.659E+03 ± 5.464E+02 ± 7.639E+02 ± 9.062E+01 + 1.365E+04 ± 3.627E+03 + 1.182E+03 ± 9.514E+01 + 1.447E+03 ± 8.889E+01 + 7.855E+02 ± 7.441E+01 + 8.871E+03 ± 9.829E+02 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21 F22 F23 F24 F25 F26 F27 F28	1.945E+45 ± 1.373E+46 + 2.744E+05 ± 1.552E+04 + 2.736E+02 ± 3.846E+01 ≈ 7.287E+02 ± 3.137E+01 + 3.113E+01 ± 2.947E+00 ≈ 1.518E+02 ± 8.209E+00 − 7.954E+02 ± 3.085E+01 ± 2.081E+03 ± 7.172E+02 − 1.225E+04 ± 8.714E+02 ± 4.394E+03 ± 1.405E+03 ± 1.329E+06 ± 4.346E+05 − 3.031E+03 ± 2.063E+03 − 2.037E+05 ± 3.621E+04 ± 8.601E+02 ± 6.547E+02 − 4.904E+03 ± 5.010E+02 ± 3.203E+03 ± 3.943E+02 ± 2.813E+03 ± 3.943E+02 ± 2.813E+03 ± 3.43E+02 − 3.891E+03 ± 3.827E+02 ± 9.193E+02 ± 4.243E+01 ± 1.694E+04 ± 8.212E+02 ± 3.091E+03 ± 2.906E+02 ± 1.264E+03 ± 7.487E+01 − 8.390E+02 ± 5.914E+01 ± 5.524E+02 ± 1.803E+03 − 1.453E+03 ± 2.107E+02 ± 6.247E+02 ± 2.500E+01 ±	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 + 2.420E+04 ± 1.928E+04 - 3.769E+06 ± 3.642E+06 + 5.793E+04 ± 4.997E+03 + 4.085E+03 ± 7.461E+02 + 3.391E+03 ± 4.840E+02 + 4.552E+06 ± 4.224E+06 + 5.520E+04 ± 5.77E+03 ± 5.376E+02 + 6.739E+02 ± 5.677E+01 + 1.252E+04 ± 1.109E+03 + 2.129E+03 ± 4.525E+01 + 1.475E+03 ± 6.757E+01 + 8.454E+02 ± 5.749E+01 + 8.555E+03 ± 5.981E+02 + 8.547E+02 ± 5.908E+01 + 8.555E+03 ± 5.981E+02 + 8.547E+02 ± 5.908E+01 + 6.658E+02 ± 4.056E+01 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 + 3.208E+04 ± 3.575E+03 + 1.215E+04 ± 1.112E+03 + 1.314E+03 ± 2.440E+02 + 7.326E+05 ± 5.202E+06 - 6.909E+02 ± 1.708E+02 - 5.123E+02 ± 1.019E+02 - 2.775E+02 ± 6.783E+01 - 4.390E+03 ± 9.865E+02 + 4.026E+03 ± 5.945E+02 + 2.739E+02 ± 7.621E+01 - 7.536E+02 ± 9.661E+02 - 2.990E+03 ± 1.034E+02 + 1.370E+04 ± 1.268E+03 + 2.005E+03 ± 1.524E+02 + 2.602E+03 ± 3.364E+02 + 7.159E+02 ± 4.740E+01 - 1.295E+04 ± 2.007E+03 + 1.610E+03 ± 2.545E+02 + 4.962E+02 ± 8.375E+01 - 4.714E+03 ± 6.889E+02 +	3.816E+12 ± 2.228E+13 − 8.880E+03 ± 1.727E+04 + 2.660E+02 ± 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 + 3.981E+01 ± 5.921E+00 + 7.612E+02 ± 1.023E+02 + 5.472E+02 ± 6.862E+01 + 1.821E+04 ± 4.802E+03 + 1.251E+04 ± 1.204E+03 + 1.274E+03 ± 2.290E+02 + 9.407E+06 ± 5.109E+06 + 6.211E+04 ± 2.374E+04 + 8.382E+04 ± 4.756E+04 + 5.064E+04 ± 1.976E+04 + 3.092E+03 ± 5.939E+02 + 2.297E+03 ± 4.945E+02 + 2.365E+05 ± 7.763E+04 + 3.784E+05 ± 1.087E+05 ± 2.659E+03 ± 5.464E+02 + 7.639E+02 ± 9.062E+01 + 1.365E+04 ± 3.627E+03 + 1.182E+03 ± 9.514E+01 + 1.447E+03 ± 8.889E+01 + 7.855E+02 ± 7.441E+01 + 8.871E+03 ± 9.829E+02 + 8.012E+02 ± 5.294E+01 + 6.211E+02 ± 5.294E+01 +
F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16 F17 F18 F19 F20 F21 F22 F22 F23 F24 F25 F26 F27 F28 F29	1.945E+45 ± 1.373E+46 + 2.744E+05 ± 1.552E+04 + 2.736E+02 ± 3.846E+01 ≈ 7.287E+02 ± 3.137E+01 + 3.113E+01 ± 2.947E+00 ≈ 1.518E+02 ± 8.209E+00 − 7.954E+02 ± 3.085E+01 + 2.081E+03 ± 7.172E+02 − 1.225E+04 ± 8.714E+02 ± 4.394E+03 ± 1.405E+03 ± 1.329E+06 ± 4.346E+05 − 3.031E+03 ± 2.063E+03 − 2.037E+05 ± 3.621E+04 ± 8.601E+02 ± 6.547E+02 − 4.904E+03 ± 5.010E+02 ± 3.203E+03 ± 5.077E+04 ± 1.226E+03 ± 3.43E+02 ± 2.813E+02 ± 4.243E+01 ± 1.694E+04 ± 8.212E+02 ± 3.091E+03 ± 2.906E+02 ± 1.264E+03 ± 7.487E+01 − 8.390E+02 ± 5.914E+01 ± 5.524E+02 ± 1.803E+03 − 1.453E+03 ± 2.107E+02 ± 6.247E+02 ± 2.500E+01 ± 4.462E+03 ± 3.878E+02 ± 4.462E+03 ± 2.500E+01 ± 4.462E+03 ± 3.878E+02 ± 4.462	1.611E+77 ± 1.151E+78 + 1.492E+05 ± 4.428E+04 + 3.081E+02 ± 5.051E+01 + 4.946E+02 ± 6.658E+01 + 1.438E+02 ± 3.827E+02 + 7.417E+02 ± 8.550E+01 + 4.766E+02 ± 5.894E+01 + 8.940E+04 ± 3.517E+03 + 1.119E+04 ± 1.167E+03 + 3.231E+04 ± 1.353E+04 + 3.595E+07 ± 1.746E+07 + 2.420E+04 ± 1.928E+04 - 3.769E+06 ± 3.642E+06 + 5.793E+04 ± 4.997E+03 + 4.085E+03 ± 7.461E+02 ± 3.391E+03 ± 4.840E+02 + 4.552E+06 ± 4.224E+06 + 5.520E+04 ± 5.474E+03 + 2.877E+03 ± 5.376E+02 ± 6.739E+02 ± 5.677E+01 + 1.252E+04 ± 1.109E+03 + 2.129E+03 ± 4.525E+01 + 1.475E+03 ± 6.757E+01 + 8.454E+02 ± 5.749E+01 + 8.555E+03 ± 5.981E+02 + 8.547E+02 ± 5.908E+01 + 6.658E+02 ± 4.056E+01 + 3.396E+03 ± 5.700E+02 +	1.457E+149 ± 7.035E+149 + 7.044E-05 ± 1.808E-06 - 9.713E+01 ± 9.964E+01 - 1.020E+03 ± 6.795E+01 + 6.204E+01 ± 3.806E+00 + 2.224E+03 ± 3.693E+02 + 1.091E+03 ± 8.806E+01 + 3.208E+04 ± 3.575E+03 + 1.215E+04 ± 1.112E+03 + 1.314E+03 ± 2.440E+02 + 7.326E+05 ± 5.202E+06 - 6.909E+02 ± 1.708E+02 - 5.123E+02 ± 1.019E+02 - 2.775E+02 ± 6.783E+01 - 4.390E+03 ± 9.865E+02 + 4.026E+03 ± 5.945E+02 + 2.739E+02 ± 7.621E+01 - 7.536E+02 ± 9.661E+02 - 2.990E+03 ± 4.537E+02 + 1.370E+04 ± 1.268E+03 + 2.005E+03 ± 1.524E+02 + 2.602E+03 ± 3.364E+02 + 7.159E+02 ± 4.740E+01 - 1.295E+04 ± 2.007E+03 + 1.610E+03 ± 2.545E+02 + 4.962E+02 ± 8.375E+01 -	3.816E+12 ± 2.228E+13 − 8.880E+03 ± 1.727E+04 + 2.660E+02 ± 3.578E+01 ≈ 5.378E+02 ± 7.798E+01 + 3.981E+01 ± 5.921E+00 + 7.612E+02 ± 1.023E+02 + 5.472E+02 ± 6.862E+01 + 1.821E+04 ± 4.802E+03 + 1.251E+04 ± 1.204E+03 + 1.274E+03 ± 2.290E+02 + 9.407E+06 ± 5.109E+06 + 6.211E+04 ± 2.374E+04 + 8.382E+04 ± 4.756E+04 + 5.064E+04 ± 1.976E+04 + 3.092E+03 ± 5.939E+02 + 2.297E+03 ± 4.945E+02 + 2.365E+05 ± 7.763E+04 + 3.784E+05 ± 1.087E+05 + 2.659E+03 ± 5.464E+02 + 7.639E+02 ± 9.062E+01 + 1.365E+04 ± 3.627E+03 + 1.182E+03 ± 9.514E+01 + 1.447E+03 ± 8.889E+01 + 7.855E+02 ± 7.441E+01 + 8.871E+03 ± 9.829E+02 + 8.012E+02 ± 5.294E+01 + 3.541E+03 ± 5.921E+02 + 43.541E+03 ± 5.921E+0