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Calculates Re and Im parts of xyz components of multipole fields from n=1 to n=10.
 ψ is the multipole potential for the field being evaluated.
Written for the MoonMag framework; see <https://github.com/NASA-Planetary-Science/MoonMag>

```
In[27]:= Remove["Global`*"]

(* Rule for replacing complex exponentials *)
euler = {Exp[x_] -> Cos[x / i] + i Sin[x / i]};
(*Create potential functions from r power series and spherical harmonics*)
ψinm[l_, m_, θ_, ϕ_] := r^(- (l+1)) * SphericalHarmonicY[l, m, θ, ϕ] /. euler // Simplify;
ψenm[l_, m_, θ_, ϕ_] := r^l * SphericalHarmonicY[l, m, θ, ϕ] /. euler // Simplify;

In[31]:= (* Replacement rules for trigonometric functions in terms of Cartesians *)
crep = {
  Cos[θ] -> z / r,
  Cos[ϕ] -> (x / r) / Sin[θ],
  Sin[ϕ] -> (y / r) / Sin[θ],
  Sin[θ]^x_ /; x > 1 -> (1 - (z / r)^2)^(-x/2),
  Csc[θ] -> 1 / (1 - (z / r)^2)^(1/2),
  Csc[θ]^x_ -> 1 / (1 - (z / r)^2)^(x/2),
  Cot[θ]^x_ -> ((z / r)^2 / (1 - (z / r)^2))^(x/2);
}
```

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In[32]:= (*Replace trig functions in spherical harmonics according to above rules*)
ReplTrig[exp_] := Module[{i, buff},
  buff = exp;
  For[i = 0, i ≤ 3, i++,
    buff = Simplify[TrigExpand[buff] /. crep];
  ];
  Expand[buff] /. {r^q_ → (x^2 + y^2 + z^2) ^ (q / 2) }
];
(*Create constants A1-A4 to divide away for clarity*)
coeff = {
   $\sqrt{3 / (8 \pi)}$  ,
   $\sqrt{15 / (32 \pi)}$  ,
   $\sqrt{7 / (64 \pi)}$  ,
   $\sqrt{1 / (192 \pi)}$  ,
   $\sqrt{11 / (16 \pi)}$  ,
   $\sqrt{91 / (2048 \pi)}$  ,
   $\sqrt{15 / (16 \pi)}$  ,
   $3 / 256 * \sqrt{17 / \pi}$  ,
   $1 / 256 * \sqrt{95 / (2 \pi)}$  ,
   $1 / 64 * \sqrt{1155 / (2 \pi)}$ 
};
(*Create gradient functions to insert into tables*)
mGradExt[nv_, mvals_, deriv_] := -D[ReplTrig[ψenm[nv, #, θ, φ]], deriv] ÷ coeff[[nv]] &/@mvals;
mGradInd[nv_, mvals_, deriv_] := -D[ReplTrig[ψinm[nv, #, θ, φ]], deriv] ÷ coeff[[nv]] * ((x^2 + y^2 + z^2) ^ (1 / 2)) ^ (2 nv + 3) &/@mvals;
```

In[36]:=

```
(*Create print formatting titles for tables*)
titles = {
{"Dipole B", "(A1/r^5):"},
{"Quadrupole B", "(A2/r^7):"},
{"Octupole B", "(A3/r^9):"},
{"Hexadecapole B", "(A4/r^11):"},
{"n=5 B", "(A5/r^13):"},
{"n=6 B", "(A6/r^15):"},
{"n=7 B", "(A7/r^17):"},
{"n=8 B", "(A8/r^19):"},
{"n=9 B", "(A9/r^21):"},
{"n=10 B", "(A10/r^23):"}
};

(*Print excitation field components*)
Print["Uniform Bx:"]
Print[TableForm[ReIm[mGradExt[1, {-1, 0, 1}, x]] * A1 // Simplify, TableHeadings -> {{-1, 0, 1}, {"Re", "Im"}}]]
Print["\nUniform By:"]
Print[TableForm[ReIm[mGradExt[1, {-1, 0, 1}, y]] * A1 // Simplify, TableHeadings -> {{-1, 0, 1}, {"Re", "Im"}}]]
Print["\nUniform Bz:"]
Print[TableForm[ReIm[mGradExt[1, {-1, 0, 1}, z]] * A1 // Simplify, TableHeadings -> {{-1, 0, 1}, {"Re", "Im"}}]]

Print["Linear Bx (2*A2):"]
Print[TableForm[ComplexExpand[ReIm[mGradExt[2, {-2, -1, 0, 1, 2}, x]]] * 1/2 // Simplify, TableHeadings -> {{-2, -1, 0, 1, 2}, {"Re", "Im"}}]]
Print["\nLinear By (2*A2):"]
Print[TableForm[ComplexExpand[ReIm[mGradExt[2, {-2, -1, 0, 1, 2}, y]]] * 1/2 // Simplify, TableHeadings -> {{-2, -1, 0, 1, 2}, {"Re", "Im"}}]]
Print["\nLinear Bz (2*A2):"]
Print[TableForm[ComplexExpand[ReIm[mGradExt[2, {-2, -1, 0, 1, 2}, z]]] * 1/2 // Simplify, TableHeadings -> {{-2, -1, 0, 1, 2}, {"Re", "Im"}}]]

(*Print induced field components*)
For[n = 1, n <= 10, n++,
mrange = Range[-n, n];
Print["\n", titles[[n, 1]], "x", titles[[n, 2]]] ×
Print[TableForm[ComplexExpand[ReIm[mGradInd[n, mrange, x]]] // Refine // Simplify, TableHeadings -> {mrange, {"Re", "Im"}}]] ×
Print["\n", titles[[n, 1]], "y", titles[[n, 2]]] ×
Print[TableForm[ComplexExpand[ReIm[mGradInd[n, mrange, y]]] // Refine // Simplify, TableHeadings -> {mrange, {"Re", "Im"}}]] ×
Print["\n", titles[[n, 1]], "z", titles[[n, 2]]] ×
Print[TableForm[ComplexExpand[ReIm[mGradInd[n, mrange, z]]] // Refine // Simplify, TableHeadings -> {mrange, {"Re", "Im"}}]]
];

Print["\n"]
Uniform Bx:
```

	Re	Im
-1	-A1	0
0	0	0
1	A1	0

Uniform By:

	Re	Im
-1	0	A1
0	0	0
1	0	A1

Uniform Bz:

	Re	Im
-1	0	0
0	$-\sqrt{2} A1$	0
1	0	0

Linear Bx (2+A2) :

	Re	Im
-2	-x	y
-1	-z	0
0	$\sqrt{\frac{2}{3}} x$	0
1	z	0
2	-x	-y

Linear By (2+A2) :

	Re	Im
-2	y	x
-1	0	z
0	$\sqrt{\frac{2}{3}} y$	0
1	0	z
2	y	-x

Linear Bz (2+A2) :

	Re	Im
-2	0	0
-1	-x	y
0	$-2 \sqrt{\frac{2}{3}} z$	0
1	x	y
2	0	0

Dipole Bx (A1/r^5) :

	Re	Im
-1	$2 x^2 - y^2 - z^2$	$-3 x y$
0	$3 \sqrt{2} x z$	0
1	$-2 x^2 + y^2 + z^2$	$-3 x y$

Dipole By (A1/r^5) :

	Re	Im
-1	$3 x y$	$x^2 - 2 y^2 + z^2$
0	$3 \sqrt{2} y z$	0
1	$-3 x y$	$x^2 - 2 y^2 + z^2$

Dipole Bz (A1/r^5) :

	Re	Im
-1	$3 x z$	$-3 y z$
0	$-\sqrt{2} (x^2 + y^2 - 2 z^2)$	0
1	$-3 x z$	$-3 y z$

Quadrupole Bx (A2/r^7) :

	Re	Im
-2	$x (3 x^2 - 7 y^2 - 2 z^2)$	$2 y (-4 x^2 + y^2 + z^2)$
-1	$8 x^2 z - 2 z (y^2 + z^2)$	$-10 x y z$
0	$-\sqrt{6} x (x^2 + y^2 - 4 z^2)$	0
1	$2 z (-4 x^2 + y^2 + z^2)$	$-10 x y z$
2	$x (3 x^2 - 7 y^2 - 2 z^2)$	$8 x^2 y - 2 y (y^2 + z^2)$

Quadrupole By (A2/r^7) :

	Re	Im
-2	$y (7 x^2 - 3 y^2 + 2 z^2)$	$2 x (x^2 - 4 y^2 + z^2)$
-1	$10 x y z$	$2 z (x^2 - 4 y^2 + z^2)$
0	$-\sqrt{6} y (x^2 + y^2 - 4 z^2)$	0
1	$-10 x y z$	$2 z (x^2 - 4 y^2 + z^2)$
2	$y (7 x^2 - 3 y^2 + 2 z^2)$	$-2 x (x^2 - 4 y^2 + z^2)$

Quadrupole Bz (A2/r^7) :

	Re	Im
-2	$5 (x^2 - y^2) z$	$-10 x y z$
-1	$-2 x (x^2 + y^2 - 4 z^2)$	$2 y (x^2 + y^2 - 4 z^2)$
0	$\sqrt{6} z (-3 x^2 - 3 y^2 + 2 z^2)$	0
1	$2 x (x^2 + y^2 - 4 z^2)$	$2 y (x^2 + y^2 - 4 z^2)$
2	$5 (x^2 - y^2) z$	$10 x y z$

Octupole Bx (A3/r^9) :

	Re	Im
-3	$\sqrt{5} \left(4 x^4 + 3 y^2 \left(y^2 + z^2\right) - 3 x^2 \left(7 y^2 + z^2\right)\right)$	$\sqrt{5} x y \left(-15 x^2 + 13 y^2 + 6 z^2\right)$
-2	$\sqrt{30} x z \left(5 x^2 - 9 y^2 - 2 z^2\right)$	$2 \sqrt{30} y z \left(-6 x^2 + y^2 + z^2\right)$
-1	$\sqrt{3} \left(-4 x^4 + y^4 - 3 y^2 z^2 - 4 z^4 - 3 x^2 \left(y^2 - 9 z^2\right)\right)$	$5 \sqrt{3} x y \left(x^2 + y^2 - 6 z^2\right)$
0	$-10 x z \left(3 x^2 + 3 y^2 - 4 z^2\right)$	0
1	$\sqrt{3} \left(4 x^4 - y^4 + 3 y^2 z^2 + 4 z^4 + 3 x^2 \left(y^2 - 9 z^2\right)\right)$	$5 \sqrt{3} x y \left(x^2 + y^2 - 6 z^2\right)$
2	$\sqrt{30} x z \left(5 x^2 - 9 y^2 - 2 z^2\right)$	$-2 \sqrt{30} y z \left(-6 x^2 + y^2 + z^2\right)$
3	$\sqrt{5} \left(-4 x^4 - 3 y^2 \left(y^2 + z^2\right) + 3 x^2 \left(7 y^2 + z^2\right)\right)$	$\sqrt{5} x y \left(-15 x^2 + 13 y^2 + 6 z^2\right)$

Octupole By (A3/r^9) :

	Re	Im
-3	$\sqrt{5} x y \left(13 x^2 - 15 y^2 + 6 z^2\right)$	$\sqrt{5} \left(3 x^4 + 4 y^4 - 3 y^2 z^2 + 3 x^2 \left(-7 y^2 + z^2\right)\right)$
-2	$\sqrt{30} y z \left(9 x^2 - 5 y^2 + 2 z^2\right)$	$2 \sqrt{30} x z \left(x^2 - 6 y^2 + z^2\right)$
-1	$-5 \sqrt{3} x y \left(x^2 + y^2 - 6 z^2\right)$	$\sqrt{3} \left(-x^4 + 4 y^4 - 27 y^2 z^2 + 4 z^4 + 3 x^2 \left(y^2 + z^2\right)\right)$
0	$-10 y z \left(3 x^2 + 3 y^2 - 4 z^2\right)$	0
1	$5 \sqrt{3} x y \left(x^2 + y^2 - 6 z^2\right)$	$\sqrt{3} \left(-x^4 + 4 y^4 - 27 y^2 z^2 + 4 z^4 + 3 x^2 \left(y^2 + z^2\right)\right)$
2	$\sqrt{30} y z \left(9 x^2 - 5 y^2 + 2 z^2\right)$	$-2 \sqrt{30} x z \left(x^2 - 6 y^2 + z^2\right)$
3	$\sqrt{5} x y \left(-13 x^2 + 15 y^2 - 6 z^2\right)$	$\sqrt{5} \left(3 x^4 + 4 y^4 - 3 y^2 z^2 + 3 x^2 \left(-7 y^2 + z^2\right)\right)$

Octupole Bz (A3/r^9) :

	Re	Im
-3	$7 \sqrt{5} x \left(x^2 - 3 y^2\right) z$	$7 \sqrt{5} y \left(-3 x^2 + y^2\right) z$
-2	$-\sqrt{30} \left(x^2 - y^2\right) \left(x^2 + y^2 - 6 z^2\right)$	$2 \sqrt{30} x y \left(x^2 + y^2 - 6 z^2\right)$
-1	$-5 \sqrt{3} x z \left(3 x^2 + 3 y^2 - 4 z^2\right)$	$5 \sqrt{3} y z \left(3 x^2 + 3 y^2 - 4 z^2\right)$
0	$2 \left(3 x^4 + 3 y^4 - 24 y^2 z^2 + 8 z^4 + 6 x^2 \left(y^2 - 4 z^2\right)\right)$	0
1	$5 \sqrt{3} x z \left(3 x^2 + 3 y^2 - 4 z^2\right)$	$5 \sqrt{3} y z \left(3 x^2 + 3 y^2 - 4 z^2\right)$
2	$-\sqrt{30} \left(x^2 - y^2\right) \left(x^2 + y^2 - 6 z^2\right)$	$-2 \sqrt{30} x y \left(x^2 + y^2 - 6 z^2\right)$
3	$-7 \sqrt{5} x \left(x^2 - 3 y^2\right) z$	$7 \sqrt{5} y \left(-3 x^2 + y^2\right) z$

Hexadecapole Bx (A4/r^11) :

	Re	Im
-4	$\frac{3}{2} \sqrt{\frac{105}{2}} \times \left(5 x^4 - 2 x^2 \left(23 y^2 + 2 z^2 \right) + 3 y^2 \left(7 y^2 + 4 z^2 \right) \right)$	$-3 \sqrt{210} y \left(6 x^4 + y^2 \left(y^2 + z^2 \right) - x^2 \left(11 y^2 + 3 z^2 \right) \right)$
-3	$9 \sqrt{105} z \left(2 x^4 + y^2 \left(y^2 + z^2 \right) - x^2 \left(9 y^2 + z^2 \right) \right)$	$9 \sqrt{105} x y z \left(-7 x^2 + 5 y^2 + 2 z^2 \right)$
-2	$-3 \sqrt{\frac{15}{2}} \times \left(5 x^4 - 9 y^4 + 66 y^2 z^2 + 12 z^4 - 2 x^2 \left(2 y^2 + 23 z^2 \right) \right)$	$3 \sqrt{30} y \left(6 x^4 - y^4 + 5 y^2 z^2 + 6 z^4 + x^2 \left(5 y^2 - 51 z^2 \right) \right)$
-1	$-3 \sqrt{15} z \left(18 x^4 - 3 y^4 + y^2 z^2 + 4 z^4 + x^2 \left(15 y^2 - 41 z^2 \right) \right)$	$63 \sqrt{15} x y z \left(x^2 + y^2 - 2 z^2 \right)$
0	$\frac{45}{2} \sqrt{3} \times \left(x^4 + y^4 - 12 y^2 z^2 + 8 z^4 + 2 x^2 \left(y^2 - 6 z^2 \right) \right)$	0
1	$3 \sqrt{15} z \left(18 x^4 - 3 y^4 + y^2 z^2 + 4 z^4 + x^2 \left(15 y^2 - 41 z^2 \right) \right)$	$63 \sqrt{15} x y z \left(x^2 + y^2 - 2 z^2 \right)$
2	$-3 \sqrt{\frac{15}{2}} \times \left(5 x^4 - 9 y^4 + 66 y^2 z^2 + 12 z^4 - 2 x^2 \left(2 y^2 + 23 z^2 \right) \right)$	$3 \sqrt{30} y \left(-6 x^4 + y^4 - 5 y^2 z^2 - 6 z^4 + x^2 \left(-5 y^2 + 51 z^2 \right) \right)$
3	$-9 \sqrt{105} z \left(2 x^4 + y^2 \left(y^2 + z^2 \right) - x^2 \left(9 y^2 + z^2 \right) \right)$	$9 \sqrt{105} x y z \left(-7 x^2 + 5 y^2 + 2 z^2 \right)$
4	$\frac{3}{2} \sqrt{\frac{105}{2}} \times \left(5 x^4 - 2 x^2 \left(23 y^2 + 2 z^2 \right) + 3 y^2 \left(7 y^2 + 4 z^2 \right) \right)$	$3 \sqrt{210} y \left(6 x^4 + y^2 \left(y^2 + z^2 \right) - x^2 \left(11 y^2 + 3 z^2 \right) \right)$

Hexadecapole By (A4/r^411) :

	Re	Im
-4	$\frac{3}{2} \sqrt{\frac{105}{2}} y \left(21 x^4 + 5 y^4 - 4 y^2 z^2 + x^2 \left(-46 y^2 + 12 z^2 \right) \right)$	$3 \sqrt{210} x \left(x^4 + 6 y^4 - 3 y^2 z^2 + x^2 \left(-11 y^2 + z^2 \right) \right)$
-3	$9 \sqrt{105} x y z \left(5 x^2 - 7 y^2 + 2 z^2 \right)$	$9 \sqrt{105} z \left(x^4 + 2 y^4 - y^2 z^2 + x^2 \left(-9 y^2 + z^2 \right) \right)$
-2	$3 \sqrt{\frac{15}{2}} y \left(-9 x^4 + 5 y^4 - 46 y^2 z^2 + 12 z^4 + x^2 \left(-4 y^2 + 66 z^2 \right) \right)$	$-3 \sqrt{30} x \left(x^4 - 6 y^4 + 51 y^2 z^2 - 6 z^4 - 5 x^2 \left(y^2 + z^2 \right) \right)$
-1	$-63 \sqrt{15} x y z \left(x^2 + y^2 - 2 z^2 \right)$	$3 \sqrt{15} z \left(-3 x^4 + 18 y^4 - 41 y^2 z^2 + 4 z^4 + x^2 \left(15 y^2 + z^2 \right) \right)$
0	$\frac{45}{2} \sqrt{3} y \left(x^4 + y^4 - 12 y^2 z^2 + 8 z^4 + 2 x^2 \left(y^2 - 6 z^2 \right) \right)$	0
1	$63 \sqrt{15} x y z \left(x^2 + y^2 - 2 z^2 \right)$	$3 \sqrt{15} z \left(-3 x^4 + 18 y^4 - 41 y^2 z^2 + 4 z^4 + x^2 \left(15 y^2 + z^2 \right) \right)$
2	$3 \sqrt{\frac{15}{2}} y \left(-9 x^4 + 5 y^4 - 46 y^2 z^2 + 12 z^4 + x^2 \left(-4 y^2 + 66 z^2 \right) \right)$	$3 \sqrt{30} x \left(x^4 - 6 y^4 + 51 y^2 z^2 - 6 z^4 - 5 x^2 \left(y^2 + z^2 \right) \right)$
3	$-9 \sqrt{105} x y z \left(5 x^2 - 7 y^2 + 2 z^2 \right)$	$9 \sqrt{105} z \left(x^4 + 2 y^4 - y^2 z^2 + x^2 \left(-9 y^2 + z^2 \right) \right)$
4	$\frac{3}{2} \sqrt{\frac{105}{2}} y \left(21 x^4 + 5 y^4 - 4 y^2 z^2 + x^2 \left(-46 y^2 + 12 z^2 \right) \right)$	$-3 \sqrt{210} x \left(x^4 + 6 y^4 - 3 y^2 z^2 + x^2 \left(-11 y^2 + z^2 \right) \right)$

Hexadecapole Bz (A4/r^411) :

	Re	Im
-4	$\frac{27}{2} \sqrt{\frac{195}{2}} \left(x^4 - 6 x^2 y^2 + y^4 \right) z$	$27 \sqrt{210} x y \left(-x^2 + y^2 \right) z$
-3	$-3 \sqrt{105} x \left(x^2 - 3 y^2 \right) \left(x^2 + y^2 - 8 z^2 \right)$	$-3 \sqrt{105} y \left(-3 x^2 + y^2 \right) \left(x^2 + y^2 - 8 z^2 \right)$
-2	$-63 \sqrt{\frac{15}{2}} \left(x^2 - y^2 \right) z \left(x^2 + y^2 - 2 z^2 \right)$	$63 \sqrt{30} x y z \left(x^2 + y^2 - 2 z^2 \right)$
-1	$9 \sqrt{15} x \left(x^4 + y^4 - 12 y^2 z^2 + 8 z^4 + 2 x^2 \left(y^2 - 6 z^2 \right) \right)$	$-9 \sqrt{15} y \left(x^4 + y^4 - 12 y^2 z^2 + 8 z^4 + 2 x^2 \left(y^2 - 6 z^2 \right) \right)$
0	$\frac{15}{2} \sqrt{3} z \left(15 x^4 + 15 y^4 - 40 y^2 z^2 + 8 z^4 + 10 x^2 \left(3 y^2 - 4 z^2 \right) \right)$	0
1	$-9 \sqrt{15} x \left(x^4 + y^4 - 12 y^2 z^2 + 8 z^4 + 2 x^2 \left(y^2 - 6 z^2 \right) \right)$	$-9 \sqrt{15} y \left(x^4 + y^4 - 12 y^2 z^2 + 8 z^4 + 2 x^2 \left(y^2 - 6 z^2 \right) \right)$
2	$-63 \sqrt{\frac{15}{2}} \left(x^2 - y^2 \right) z \left(x^2 + y^2 - 2 z^2 \right)$	$-63 \sqrt{30} x y z \left(x^2 + y^2 - 2 z^2 \right)$
3	$3 \sqrt{105} x \left(x^2 - 3 y^2 \right) \left(x^2 + y^2 - 8 z^2 \right)$	$-3 \sqrt{105} y \left(-3 x^2 + y^2 \right) \left(x^2 + y^2 - 8 z^2 \right)$
4	$\frac{27}{2} \sqrt{\frac{195}{2}} \left(x^4 - 6 x^2 y^2 + y^4 \right) z$	$27 \sqrt{210} x y \left(x^2 - y^2 \right) z$

n=5 Bx(A5/r^13) :

	Re	Im
-5	$\frac{3}{8} \sqrt{7} \left(6 x^6 - 5 y^4 \left(y^2 + z^2 \right) - 5 x^4 \left(17 y^2 + z^2 \right) + 10 x^2 \left(8 y^4 + 3 y^2 z^2 \right) \right)$	$-\frac{3}{8} \sqrt{7} x y \left(35 x^4 + 31 y^4 + 20 y^2 z^2 - 10 x^2 \left(11 y^2 + 2 z^2 \right) \right)$
-4	$\frac{3}{4} \sqrt{\frac{35}{2}} x z \left(7 x^4 + 23 y^4 + 12 y^2 z^2 - 2 x^2 \left(29 y^2 + 2 z^2 \right) \right)$	$-3 \sqrt{\frac{35}{2}} y z \left(8 x^4 + y^2 \left(y^2 + z^2 \right) - x^2 \left(13 y^2 + 3 z^2 \right) \right)$
-3	$-\frac{3}{8} \sqrt{35} \left(2 x^6 + y^6 - 7 y^4 z^2 - 8 y^2 z^4 - x^4 \left(7 y^2 + 23 z^2 \right) + x^2 \left(-8 y^4 + 90 y^2 z^2 + 8 z^4 \right) \right)$	$\frac{3}{8} \sqrt{35} x y \left(7 x^4 - 5 y^4 + 44 y^2 z^2 + 16 z^4 + 2 x^2 \left(y^2 - 38 z^2 \right) \right)$
-2	$\frac{1}{2} \sqrt{\frac{195}{2}} x z \left(-7 x^4 + 11 y^4 - 26 y^2 z^2 - 4 z^4 + x^2 \left(4 y^2 + 22 z^2 \right) \right)$	$\sqrt{\frac{195}{2}} y z \left(8 x^4 - y^4 + y^2 z^2 + 2 z^4 + x^2 \left(7 y^2 - 23 z^2 \right) \right)$
-1	$\frac{1}{4} \sqrt{\frac{15}{2}} \left(6 x^6 - y^6 + 11 y^4 z^2 + 4 y^2 z^4 - 8 z^6 + x^4 \left(11 y^2 - 101 z^2 \right) + 2 x^2 \left(2 y^4 - 45 y^2 z^2 + 58 z^4 \right) \right)$	$-\frac{7}{4} \sqrt{\frac{15}{2}} x y \left(x^4 + y^4 - 16 y^2 z^2 + 16 z^4 + 2 x^2 \left(y^2 - 8 z^2 \right) \right)$
0	$\frac{21}{4} x z \left(5 x^4 + 5 y^4 - 20 y^2 z^2 + 8 z^4 + 10 x^2 \left(y^2 - 2 z^2 \right) \right)$	0
1	$\frac{1}{4} \sqrt{\frac{15}{2}} \left(-6 x^6 + y^6 - 11 y^4 z^2 - 4 y^2 z^4 + 8 z^6 + x^4 \left(-11 y^2 + 101 z^2 \right) - 2 x^2 \left(2 y^4 - 45 y^2 z^2 + 58 z^4 \right) \right)$	$-\frac{7}{4} \sqrt{\frac{15}{2}} x y \left(x^4 + y^4 - 16 y^2 z^2 + 16 z^4 + 2 x^2 \left(y^2 - 8 z^2 \right) \right)$
2	$\frac{1}{2} \sqrt{\frac{195}{2}} x z \left(-7 x^4 + 11 y^4 - 26 y^2 z^2 - 4 z^4 + x^2 \left(4 y^2 + 22 z^2 \right) \right)$	$\sqrt{\frac{195}{2}} y z \left(-8 x^4 + y^4 - y^2 z^2 - 2 z^4 + x^2 \left(-7 y^2 + 23 z^2 \right) \right)$
3	$\frac{3}{8} \sqrt{35} \left(2 x^6 + y^6 - 7 y^4 z^2 - 8 y^2 z^4 - x^4 \left(7 y^2 + 23 z^2 \right) + x^2 \left(-8 y^4 + 90 y^2 z^2 + 8 z^4 \right) \right)$	$\frac{3}{8} \sqrt{35} x y \left(7 x^4 - 5 y^4 + 44 y^2 z^2 + 16 z^4 + 2 x^2 \left(y^2 - 38 z^2 \right) \right)$
4	$\frac{3}{4} \sqrt{\frac{35}{2}} x z \left(7 x^4 + 23 y^4 + 12 y^2 z^2 - 2 x^2 \left(29 y^2 + 2 z^2 \right) \right)$	$3 \sqrt{\frac{35}{2}} y z \left(8 x^4 + y^2 \left(y^2 + z^2 \right) - x^2 \left(13 y^2 + 3 z^2 \right) \right)$
5	$-\frac{3}{8} \sqrt{7} \left(6 x^6 - 5 y^4 \left(y^2 + z^2 \right) - 5 x^4 \left(17 y^2 + z^2 \right) + 10 x^2 \left(8 y^4 + 3 y^2 z^2 \right) \right)$	$-\frac{3}{8} \sqrt{7} x y \left(35 x^4 + 31 y^4 + 20 y^2 z^2 - 10 x^2 \left(11 y^2 + 2 z^2 \right) \right)$

n=5 By(A5/r^13) :

	Re	Im
-5	$\frac{3}{8}\sqrt{7}\,x\,y\left(31\,x^4+5\,y^2\left(7\,y^2-4\,z^2\right)+x^2\left(-110\,y^2+20\,z^2\right)\right)$	$\frac{3}{8}\sqrt{7}\,\left(5\,x^6-6\,y^6+5\,y^4\,z^2+x^4\left(-80\,y^2+5\,z^2\right)+5\,x^2\left(17\,y^4-6\,y^2\,z^2\right)\right)$
-4	$\frac{3}{4}\sqrt{\frac{35}{2}}\,y\,z\left(23\,x^4+7\,y^4-4\,y^2\,z^2+x^2\left(-58\,y^2+12\,z^2\right)\right)$	$3\sqrt{\frac{35}{2}}\,x\,z\left(x^4+8\,y^4-3\,y^2\,z^2+x^2\left(-13\,y^2+z^2\right)\right)$
-3	$-\frac{3}{8}\sqrt{35}\,x\,y\left(5\,x^4-7\,y^4+76\,y^2\,z^2-16\,z^4-2\,x^2\left(y^2+22\,z^2\right)\right)$	$-\frac{3}{8}\sqrt{35}\,\left(x^6+2\,y^6-23\,y^4\,z^2+8\,y^2\,z^4-x^4\left(8\,y^2+7\,z^2\right)+x^2\left(-7\,y^4+90\,y^2\,z^2-8\,z^4\right)\right)$
-2	$\frac{1}{2}\sqrt{\frac{105}{2}}\,y\,z\left(-11\,x^4+7\,y^4-22\,y^2\,z^2+4\,z^4+x^2\left(-4\,y^2+26\,z^2\right)\right)$	$\sqrt{\frac{105}{2}}\,x\,z\left(-x^4+8\,y^4-23\,y^2\,z^2+2\,z^4+x^2\left(7\,y^2+z^2\right)\right)$
-1	$\frac{7}{4}\sqrt{\frac{15}{2}}\,x\,y\left(x^4+y^4-16\,y^2\,z^2+16\,z^4+2\,x^2\left(y^2-8\,z^2\right)\right)$	$\frac{1}{4}\sqrt{\frac{15}{2}}\,\left(x^6-6\,y^6+101\,y^4\,z^2-116\,y^2\,z^4+8\,z^6-x^4\left(4\,y^2+11\,z^2\right)+x^2\left(-11\,y^4+90\,y^2\,z^2-4\,z^4\right)\right)$
0	$\frac{21}{4}\,y\,z\left(5\,x^4+5\,y^4-20\,y^2\,z^2+8\,z^4+10\,x^2\left(y^2-2\,z^2\right)\right)$	0
1	$-\frac{7}{4}\sqrt{\frac{15}{2}}\,x\,y\left(x^4+y^4-16\,y^2\,z^2+16\,z^4+2\,x^2\left(y^2-8\,z^2\right)\right)$	$\frac{1}{4}\sqrt{\frac{15}{2}}\,\left(x^6-6\,y^6+101\,y^4\,z^2-116\,y^2\,z^4+8\,z^6-x^4\left(4\,y^2+11\,z^2\right)+x^2\left(-11\,y^4+90\,y^2\,z^2-4\,z^4\right)\right)$
2	$\frac{1}{2}\sqrt{\frac{105}{2}}\,y\,z\left(-11\,x^4+7\,y^4-22\,y^2\,z^2+4\,z^4+x^2\left(-4\,y^2+26\,z^2\right)\right)$	$\sqrt{\frac{105}{2}}\,x\,z\left(x^4-8\,y^4+23\,y^2\,z^2-2\,z^4-x^2\left(7\,y^2+z^2\right)\right)$
3	$\frac{3}{8}\sqrt{35}\,x\,y\left(5\,x^4-7\,y^4+76\,y^2\,z^2-16\,z^4-2\,x^2\left(y^2+22\,z^2\right)\right)$	$-\frac{3}{8}\sqrt{35}\,\left(x^6+2\,y^6-23\,y^4\,z^2+8\,y^2\,z^4-x^4\left(8\,y^2+7\,z^2\right)+x^2\left(-7\,y^4+90\,y^2\,z^2-8\,z^4\right)\right)$
4	$\frac{3}{4}\sqrt{\frac{35}{2}}\,y\,z\left(23\,x^4+7\,y^4-4\,y^2\,z^2+x^2\left(-58\,y^2+12\,z^2\right)\right)$	$-3\sqrt{\frac{35}{2}}\,x\,z\left(x^4+8\,y^4-3\,y^2\,z^2+x^2\left(-13\,y^2+z^2\right)\right)$
5	$-\frac{3}{8}\sqrt{7}\,x\,y\left(31\,x^4+5\,y^2\left(7\,y^2-4\,z^2\right)+x^2\left(-110\,y^2+20\,z^2\right)\right)$	$\frac{3}{8}\sqrt{7}\,\left(5\,x^6-6\,y^6+5\,y^4\,z^2+x^4\left(-80\,y^2+5\,z^2\right)+5\,x^2\left(17\,y^4-6\,y^2\,z^2\right)\right)$

n=5 Bz(A5/r^13) :

	Re	Im
-5	$\frac{33}{8}\sqrt{7}\,x\left(x^4-10\,x^2\,y^2+5\,y^4\right)z$	$-\frac{33}{8}\sqrt{7}\,y\left(5\,x^4-10\,x^2\,y^2+y^4\right)z$
-4	$-\frac{3}{4}\sqrt{\frac{35}{2}}\left(x^4-6\,x^2\,y^2+y^4\right)\left(x^2+y^2-10\,z^2\right)$	$3\sqrt{\frac{35}{2}}\,x\,y\left(x^2-y^2\right)\left(x^2+y^2-10\,z^2\right)$
-3	$-\frac{9}{8}\sqrt{35}\,x\left(x^2-3\,y^2\right)z\left(3\,x^2+3\,y^2-8\,z^2\right)$	$-\frac{9}{8}\sqrt{35}\,y\left(-3\,x^2+y^2\right)z\left(3\,x^2+3\,y^2-8\,z^2\right)$
-2	$\frac{1}{2}\sqrt{\frac{105}{2}}\left(x^2-y^2\right)\left(x^4+y^4-16\,y^2\,z^2+16\,z^4+2\,x^2\left(y^2-8\,z^2\right)\right)$	$-\sqrt{\frac{105}{2}}\,x\,y\left(x^4+y^4-16\,y^2\,z^2+16\,z^4+2\,x^2\left(y^2-8\,z^2\right)\right)$
-1	$\frac{7}{4}\sqrt{\frac{15}{2}}\,x\,z\left(5\,x^4+5\,y^4-20\,y^2\,z^2+8\,z^4+10\,x^2\left(y^2-2\,z^2\right)\right)$	$-\frac{7}{4}\sqrt{\frac{15}{2}}\,y\,z\left(5\,x^4+5\,y^4-20\,y^2\,z^2+8\,z^4+10\,x^2\left(y^2-2\,z^2\right)\right)$
0	$-\frac{3}{4}\left(5\,x^6+5\,y^6-90\,y^4\,z^2+120\,y^2\,z^4-16\,z^6+15\,x^4\left(y^2-6\,z^2\right)+15\,x^2\left(y^4-12\,y^2\,z^2+8\,z^4\right)\right)$	0
1	$-\frac{7}{4}\sqrt{\frac{15}{2}}\,x\,z\left(5\,x^4+5\,y^4-20\,y^2\,z^2+8\,z^4+10\,x^2\left(y^2-2\,z^2\right)\right)$	$-\frac{7}{4}\sqrt{\frac{15}{2}}\,y\,z\left(5\,x^4+5\,y^4-20\,y^2\,z^2+8\,z^4+10\,x^2\left(y^2-2\,z^2\right)\right)$
2	$\frac{1}{2}\sqrt{\frac{105}{2}}\left(x^2-y^2\right)\left(x^4+y^4-16\,y^2\,z^2+16\,z^4+2\,x^2\left(y^2-8\,z^2\right)\right)$	$\sqrt{\frac{105}{2}}\,x\,y\left(x^4+y^4-16\,y^2\,z^2+16\,z^4+2\,x^2\left(y^2-8\,z^2\right)\right)$
3	$\frac{9}{8}\sqrt{35}\,x\left(x^2-3\,y^2\right)z\left(3\,x^2+3\,y^2-8\,z^2\right)$	$-\frac{9}{8}\sqrt{35}\,y\left(-3\,x^2+y^2\right)z\left(3\,x^2+3\,y^2-8\,z^2\right)$
4	$-\frac{3}{4}\sqrt{\frac{35}{2}}\left(x^4-6\,x^2\,y^2+y^4\right)\left(x^2+y^2-10\,z^2\right)$	$-3\sqrt{\frac{35}{2}}\,x\,y\left(x^2-y^2\right)\left(x^2+y^2-10\,z^2\right)$
5	$-\frac{33}{8}\sqrt{7}\,x\left(x^4-10\,x^2\,y^2+5\,y^4\right)z$	$-\frac{33}{8}\sqrt{7}\,y\left(5\,x^4-10\,x^2\,y^2+y^4\right)z$

n=6 Bx(A6/r^15) :

	Re	Im
-6	$\sqrt{\frac{33}{2}} \times (7 x^6 - 43 y^6 - 30 y^4 z^2 - 3 x^4 (47 y^2 + 2 z^2) + 15 x^2 (15 y^4 + 4 y^2 z^2))$	$\sqrt{66} y (-24 x^6 + 3 y^4 (y^2 + z^2) + 5 x^4 (23 y^2 + 3 z^2) - 6 x^2 (11 y^4 + 5 y^2 z^2))$
-5	$3 \sqrt{22} z (8 x^6 - 5 y^4 (y^2 + z^2) + 30 x^2 y^2 (3 y^2 + z^2) - 5 x^4 (21 y^2 + z^2))$	$-3 \sqrt{22} x y z (45 x^4 + 33 y^4 + 20 y^2 z^2 - 10 x^2 (13 y^2 + 2 z^2))$
-4	$-3 x (7 x^6 + 23 y^6 - 240 y^4 z^2 - 120 y^2 z^4 - 3 x^4 (17 y^2 + 32 z^2) + x^2 (-35 y^4 + 720 y^2 z^2 + 40 z^4))$	$12 y (8 x^6 + y^6 - 9 y^4 z^2 - 10 y^2 z^4 - 5 x^4 (y^2 + 21 z^2) - 6 x^2 (2 y^4 - 25 y^2 z^2 - 5 z^4))$
-3	$\sqrt{30} z (-24 x^6 - 9 y^6 + 15 y^4 z^2 + 24 y^2 z^4 + x^4 (75 y^2 + 95 z^2) + 6 x^2 (15 y^4 - 55 y^2 z^2 - 4 z^4))$	$\sqrt{30} x y z (81 x^4 - 51 y^4 + 140 y^2 z^2 + 48 z^4 + 30 x^2 (y^2 - 10 z^2))$
-2	$\sqrt{\frac{15}{2}} x (7 x^6 - 11 y^6 + 210 y^4 z^2 - 240 y^2 z^4 - 32 z^6 + 3 x^4 (y^2 - 50 z^2) - 15 x^2 (y^4 - 4 y^2 z^2 - 16 z^4))$	$\sqrt{30} y (-8 x^6 + y^6 - 15 y^4 z^2 + 16 z^6 - 15 x^4 (y^2 - 11 z^2) - 6 x^2 (y^4 - 25 y^2 z^2 + 40 z^4))$
-1	$2 \sqrt{3} z (40 x^6 - 5 y^6 + 15 y^4 z^2 + 12 y^2 z^4 - 8 z^6 + 75 x^4 (y^2 + 3 z^2) + 6 x^2 (5 y^4 - 35 y^2 z^2 + 26 z^4))$	$-6 \sqrt{3} x y z (15 x^4 + 15 y^4 - 80 y^2 z^2 + 48 z^4 + 10 x^2 (3 y^2 - 8 z^2))$
0	$-\sqrt{14} x (5 x^6 + 5 y^6 - 120 y^4 z^2 + 240 y^2 z^4 - 64 z^6 + 15 x^4 (y^2 - 8 z^2) + 15 x^2 (y^4 - 16 y^2 z^2 + 16 z^4))$	0
1	$-2 \sqrt{3} z (40 x^6 - 5 y^6 + 15 y^4 z^2 + 12 y^2 z^4 - 8 z^6 + 75 x^4 (y^2 - 3 z^2) + 6 x^2 (5 y^4 - 35 y^2 z^2 + 26 z^4))$	$-6 \sqrt{3} x y z (15 x^4 + 15 y^4 - 80 y^2 z^2 + 48 z^4 + 10 x^2 (3 y^2 - 8 z^2))$
2	$\sqrt{\frac{15}{2}} x (7 x^6 - 11 y^6 + 210 y^4 z^2 - 240 y^2 z^4 - 32 z^6 + 3 x^4 (y^2 - 50 z^2) - 15 x^2 (y^4 - 4 y^2 z^2 - 16 z^4))$	$\sqrt{30} y (8 x^6 - y^6 + 15 y^4 z^2 - 16 z^6 + 15 x^4 (y^2 - 11 z^2) + 6 x^2 (y^4 - 25 y^2 z^2 + 40 z^4))$
3	$\sqrt{30} z (24 x^6 - 5 x^4 (15 y^2 + 19 z^2) + 3 y^2 (3 y^4 - 5 y^2 z^2 - 8 z^4) + x^2 (-90 y^4 + 330 y^2 z^2 + 24 z^4))$	$\sqrt{30} x y z (81 x^4 - 51 y^4 + 140 y^2 z^2 + 48 z^4 + 30 x^2 (y^2 - 10 z^2))$
4	$-3 x (7 x^6 + 23 y^6 - 240 y^4 z^2 - 120 y^2 z^4 - 3 x^4 (17 y^2 + 32 z^2) + x^2 (-35 y^4 + 720 y^2 z^2 + 40 z^4))$	$-12 y (8 x^6 + y^6 - 9 y^4 z^2 - 10 y^2 z^4 - 5 x^4 (y^2 + 21 z^2) - 6 x^2 (2 y^4 - 25 y^2 z^2 - 5 z^4))$
5	$-3 \sqrt{22} z (8 x^6 - 5 y^4 (y^2 + z^2) + 30 x^2 y^2 (3 y^2 + z^2) - 5 x^4 (21 y^2 + z^2))$	$-3 \sqrt{22} x y z (45 x^4 + 33 y^4 + 20 y^2 z^2 - 10 x^2 (13 y^2 + 2 z^2))$
6	$\sqrt{\frac{33}{2}} x (7 x^6 - 43 y^6 - 30 y^4 z^2 - 3 x^4 (47 y^2 + 2 z^2) + 15 x^2 (15 y^4 + 4 y^2 z^2))$	$\sqrt{66} y (24 x^6 - 3 y^4 (y^2 + z^2) - 5 x^4 (23 y^2 + 3 z^2) + 6 x^2 (11 y^4 + 5 y^2 z^2))$

n=6 By (A6/r^15) :

	Re	Im
-6	$\sqrt{\frac{33}{2}} y (43 x^6 - 7 y^6 + 6 y^4 z^2 + x^4 (-225 y^2 + 30 z^2) + 3 x^2 (47 y^4 - 20 y^2 z^2))$	$\sqrt{66} x (3 x^6 - 24 y^6 + 15 y^4 z^2 + x^4 (-66 y^2 + 3 z^2) + 5 x^2 (23 y^4 - 6 y^2 z^2))$
-5	$3 \sqrt{22} x y z (33 x^4 + 5 y^2 (9 y^2 - 4 z^2) + x^2 (-130 y^2 + 20 z^2))$	$3 \sqrt{22} z (5 x^6 - 8 y^6 + 5 y^4 z^2 + x^4 (-90 y^2 + 5 z^2) + 15 x^2 (7 y^4 - 2 y^2 z^2))$
-4	$-3 y (23 x^6 + 7 y^6 - 96 y^4 z^2 + 40 y^2 z^4 - 5 x^4 (7 y^2 + 48 z^2) - 3 x^2 (17 y^4 - 240 y^2 z^2 + 40 z^4))$	$-12 x (x^6 + 8 y^6 - 105 y^4 z^2 + 30 y^2 z^4 - 3 x^4 (4 y^2 + 3 z^2) - 5 x^2 (y^4 - 30 y^2 z^2 + 2 z^4))$
-3	$\sqrt{30} x y z (-51 x^4 + 81 y^4 - 300 y^2 z^2 + 48 z^4 + 10 x^2 (3 y^2 + 14 z^2))$	$\sqrt{30} z (-9 x^6 - 24 y^6 + 95 y^4 z^2 - 24 y^2 z^4 + 15 x^4 (6 y^2 + z^2) + 3 x^2 (25 y^4 - 110 y^2 z^2 + 8 z^4))$
-2	$\sqrt{\frac{15}{2}} y (11 x^6 - 7 y^6 + 150 y^4 z^2 - 240 y^2 z^4 + 32 z^6 + 15 x^4 (y^2 - 14 z^2) - 3 x^2 (y^4 + 20 y^2 z^2 - 80 z^4))$	$\sqrt{30} x (x^6 - 8 y^6 + 165 y^4 z^2 - 240 y^2 z^4 + 16 z^6 - 3 x^4 (2 y^2 + 5 z^2) - 15 x^2 (y^4 - 10 y^2 z^2))$
-1	$6 \sqrt{3} x y z (15 x^4 + 15 y^4 - 80 y^2 z^2 + 48 z^4 + 10 x^2 (3 y^2 - 8 z^2))$	$2 \sqrt{3} z (5 x^6 - 40 y^6 + 225 y^4 z^2 - 156 y^2 z^4 + 8 z^6 - 15 x^4 (2 y^2 + z^2) - 3 x^2 (25 y^4 - 70 y^2 z^2 + 4 z^4))$
0	$-\sqrt{14} y (5 x^6 + 5 y^6 - 120 y^4 z^2 + 240 y^2 z^4 - 64 z^6 + 15 x^4 (y^2 - 8 z^2) + 15 x^2 (y^4 - 16 y^2 z^2 + 16 z^4))$	0
1	$-6 \sqrt{3} x y z (15 x^4 + 15 y^4 - 80 y^2 z^2 + 48 z^4 + 10 x^2 (3 y^2 - 8 z^2))$	$2 \sqrt{3} z (5 x^6 - 40 y^6 + 225 y^4 z^2 - 156 y^2 z^4 + 8 z^6 - 15 x^4 (2 y^2 + z^2) - 3 x^2 (25 y^4 - 70 y^2 z^2 + 4 z^4))$
2	$\sqrt{\frac{15}{2}} y (11 x^6 - 7 y^6 + 150 y^4 z^2 - 240 y^2 z^4 + 32 z^6 + 15 x^4 (y^2 - 14 z^2) - 3 x^2 (y^4 + 20 y^2 z^2 - 80 z^4))$	$\sqrt{30} x (-x^6 + 8 y^6 - 165 y^4 z^2 + 240 y^2 z^4 - 16 z^6 + 3 x^4 (2 y^2 + 5 z^2) + 15 x^2 (y^4 - 10 y^2 z^2))$
3	$\sqrt{30} x y z (51 x^4 - 81 y^4 + 300 y^2 z^2 - 48 z^4 - 10 x^4 (3 y^2 + 14 z^2))$	$\sqrt{30} z (-9 x^6 - 24 y^6 + 95 y^4 z^2 - 24 y^2 z^4 + 15 x^4 (6 y^2 + z^2) + 3 x^2 (25 y^4 - 110 y^2 z^2 + 8 z^4))$
4	$-3 y (23 x^6 + 7 y^6 - 96 y^4 z^2 + 40 y^2 z^4 - 5 x^4 (7 y^2 + 48 z^2) - 3 x^2 (17 y^4 - 240 y^2 z^2 + 40 z^4))$	$12 x (x^6 + 8 y^6 - 105 y^4 z^2 + 30 y^2 z^4 - 3 x^4 (4 y^2 + 3 z^2) - 5 x^2 (y^4 - 30 y^2 z^2 + 2 z^4))$
5	$-3 \sqrt{22} x y z (33 x^4 + 5 y^2 (9 y^2 - 4 z^2) + x^2 (-130 y^2 + 20 z^2))$	$3 \sqrt{22} z (5 x^6 - 8 y^6 + 5 y^4 z^2 + x^4 (-90 y^2 + 5 z^2) + 15 x^2 (7 y^4 - 2 y^2 z^2))$
6	$\sqrt{\frac{33}{2}} y (43 x^6 - 7 y^6 + 6 y^4 z^2 + x^4 (-225 y^2 + 30 z^2) + 3 x^2 (47 y^4 - 20 y^2 z^2))$	$\sqrt{66} x (-3 x^6 + 3 y^4 (8 y^2 - 5 z^2) + x^4 (66 y^2 - 3 z^2) - 5 x^2 (23 y^4 - 6 y^2 z^2))$

n=6 Bz (A6/r^15) :

	Re	Im
-6	$13 \sqrt{\frac{33}{2}} \left(x^6 - 15 x^4 y^2 + 15 x^2 y^4 - y^6 \right) z$	$-13 \sqrt{66} x y \left(3 x^4 - 10 x^2 y^2 + 3 y^4 \right) z$
-5	$-3 \sqrt{22} x \left(x^4 - 10 x^2 y^2 + 5 y^4 \right) \left(x^2 + y^2 - 12 z^2 \right)$	$3 \sqrt{22} y \left(5 x^4 - 10 x^2 y^2 + y^4 \right) \left(x^2 + y^2 - 12 z^2 \right)$
-4	$-33 \left(x^4 - 6 x^2 y^2 + y^4 \right) z \left(3 x^2 + 3 y^2 - 10 z^2 \right)$	$132 x y \left(x^2 - y^2 \right) z \left(3 x^2 + 3 y^2 - 10 z^2 \right)$
-3	$\sqrt{30} x \left(x^2 - 3 y^2 \right) \left(3 x^4 + 3 y^4 - 60 y^2 z^2 + 80 z^4 + 6 x^2 \left(y^2 - 10 z^2 \right) \right)$	$\sqrt{30} y \left(-3 x^2 + y^2 \right) \left(3 x^4 + 3 y^4 - 60 y^2 z^2 + 80 z^4 + 6 x^2 \left(y^2 - 10 z^2 \right) \right)$
-2	$3 \sqrt{\frac{15}{2}} \left(x^2 - y^2 \right) z \left(15 x^4 + 15 y^4 - 80 y^2 z^2 + 48 z^4 + 10 x^2 \left(3 y^2 - 8 z^2 \right) \right)$	$-3 \sqrt{30} x y z \left(15 x^4 + 15 y^4 - 80 y^2 z^2 + 48 z^4 + 10 x^2 \left(3 y^2 - 8 z^2 \right) \right)$
-1	$-2 \sqrt{3} x \left(5 x^6 + 5 y^6 - 120 y^4 z^2 + 240 y^2 z^4 - 64 z^6 + 15 x^4 \left(y^2 - 8 z^2 \right) + 15 x^2 \left(y^4 - 16 y^2 z^2 + 16 z^4 \right) \right)$	$2 \sqrt{3} y \left(5 x^6 + 5 y^6 - 120 y^4 z^2 + 240 y^2 z^4 - 64 z^6 + 15 x^4 \left(y^2 - 8 z^2 \right) + 15 x^2 \left(y^4 - 16 y^2 z^2 + 16 z^4 \right) \right)$
0	$\sqrt{14} z \left(-35 x^6 - 35 y^6 + 210 y^4 z^2 - 168 y^2 z^4 + 16 z^6 - 105 x^4 \left(y^2 - 2 z^2 \right) - 21 x^2 \left(5 y^4 - 20 y^2 z^2 + 8 z^4 \right) \right)$	0
1	$2 \sqrt{3} x \left(5 x^6 + 5 y^6 - 120 y^4 z^2 + 240 y^2 z^4 - 64 z^6 + 15 x^4 \left(y^2 - 8 z^2 \right) + 15 x^2 \left(y^4 - 16 y^2 z^2 + 16 z^4 \right) \right)$	$2 \sqrt{3} y \left(5 x^6 + 5 y^6 - 120 y^4 z^2 + 240 y^2 z^4 - 64 z^6 + 15 x^4 \left(y^2 - 8 z^2 \right) + 15 x^2 \left(y^4 - 16 y^2 z^2 + 16 z^4 \right) \right)$
2	$3 \sqrt{\frac{15}{2}} \left(x^2 - y^2 \right) z \left(15 x^4 + 15 y^4 - 80 y^2 z^2 + 48 z^4 + 10 x^2 \left(3 y^2 - 8 z^2 \right) \right)$	$3 \sqrt{30} x y z \left(15 x^4 + 15 y^4 - 80 y^2 z^2 + 48 z^4 + 10 x^2 \left(3 y^2 - 8 z^2 \right) \right)$
3	$-\sqrt{30} x \left(x^2 - 3 y^2 \right) \left(3 x^4 + 3 y^4 - 60 y^2 z^2 + 80 z^4 + 6 x^2 \left(y^2 - 10 z^2 \right) \right)$	$\sqrt{30} y \left(-3 x^2 + y^2 \right) \left(3 x^4 + 3 y^4 - 60 y^2 z^2 + 80 z^4 + 6 x^2 \left(y^2 - 10 z^2 \right) \right)$
4	$-33 \left(x^4 - 6 x^2 y^2 + y^4 \right) z \left(3 x^2 + 3 y^2 - 10 z^2 \right)$	$-132 x y \left(x^2 - y^2 \right) z \left(3 x^2 + 3 y^2 - 10 z^2 \right)$
5	$3 \sqrt{22} x \left(x^4 - 10 x^2 y^2 + 5 y^4 \right) \left(x^2 + y^2 - 12 z^2 \right)$	$3 \sqrt{22} y \left(5 x^4 - 10 x^2 y^2 + y^4 \right) \left(x^2 + y^2 - 12 z^2 \right)$
6	$13 \sqrt{\frac{33}{2}} \left(x^6 - 15 x^4 y^2 + 15 x^2 y^4 - y^6 \right) z$	$13 \sqrt{66} x y \left(3 x^4 - 10 x^2 y^2 + 3 y^4 \right) z$

n=7 Bx(A7/r^17) :

	Re	Im
-7	$\frac{1}{16} \sqrt{\frac{429}{2}} \left(8 x^8 + 7 y^6 \left(y^2 + z^2 \right) + 105 x^4 y^2 \left(5 y^2 + z^2 \right) - 7 x^6 \left(31 y^2 + z^2 \right) - 7 x^2 \left(29 y^6 + 15 y^4 z^2 \right) \right)$	$\frac{1}{16} \sqrt{\frac{429}{2}} x y \left(-63 x^6 + 57 y^6 + 42 y^4 z^2 + 7 x^4 \left(61 y^2 + 6 z^2 \right) - 7 x^2 \left(59 y^4 + 20 y^2 z^2 \right) \right)$
-6	$\frac{3}{16} \sqrt{3003} x z \left(3 x^6 - x^4 \left(57 y^2 + 2 z^2 \right) + 5 x^2 \left(17 y^4 + 4 y^2 z^2 \right) - 5 \left(3 y^6 + 2 y^4 z^2 \right) \right)$	$\frac{3}{8} \sqrt{3003} y z \left(-10 x^6 + y^4 \left(y^2 + z^2 \right) + 5 x^4 \left(9 y^2 + z^2 \right) - 2 x^2 \left(12 y^4 + 5 y^2 z^2 \right) \right)$
-5	$\frac{1}{16} \sqrt{\frac{231}{2}} \left(-8 x^8 + x^6 \left(97 y^2 + 127 z^2 \right) + 5 y^4 \left(y^4 - 11 y^2 z^2 - 12 z^4 \right) + 15 x^4 \left(y^4 - 103 y^2 z^2 - 4 z^4 \right) + x^2 \left(-85 y^6 + 1185 y^4 z^2 + 360 y^2 z^4 \right) \right)$	$\frac{1}{16} \sqrt{\frac{231}{2}} x y \left(45 x^6 + 33 y^6 - 402 y^4 z^2 - 240 y^2 z^4 - 5 x^4 \left(17 y^2 + 138 z^2 \right) + x^2 \left(-97 y^4 + 1820 y^2 z^2 + 240 z^4 \right) \right)$
-4	$\frac{1}{8} \sqrt{\frac{231}{2}} x z \left(-27 x^6 + x^4 \left(183 y^2 + 128 z^2 \right) + 5 x^2 \left(27 y^4 - 176 y^2 z^2 - 8 z^4 \right) + 15 y^2 \left(-5 y^4 + 16 y^2 z^2 + 8 z^4 \right) \right)$	$\frac{1}{2} \sqrt{\frac{231}{2}} y z \left(30 x^6 + 3 y^6 - 7 y^4 z^2 - 10 y^2 z^4 - 15 x^4 \left(y^2 + 9 z^2 \right) + x^2 \left(-42 y^4 + 170 y^2 z^2 + 30 z^4 \right) \right)$
-3	$\frac{3}{16} \sqrt{\frac{21}{2}} \left(8 x^8 + 3 y^8 - 57 y^6 z^2 + 20 y^4 z^4 + 80 y^2 z^6 - x^6 \left(17 y^2 + 207 z^2 \right) + x^4 \left(-55 y^4 + 585 y^2 z^2 + 420 z^4 \right) - x^2 \left(27 y^6 - 735 y^4 z^2 + 1320 y^2 z^4 - 80 z^6 \right) \right)$	$-\frac{3}{16} \sqrt{\frac{21}{2}} x y \left(27 x^6 - 17 y^6 + 378 y^4 z^2 - 480 y^2 z^4 - 160 z^6 + x^4 \left(37 y^2 - 678 z^2 \right) + x^2 \left(-7 y^4 - 300 y^2 z^2 + 1280 z^4 \right) \right)$
-2	$\frac{1}{16} \sqrt{21} x z \left(135 x^6 + x^4 \left(75 y^2 - 970 z^2 \right) + x^2 \left(-255 y^4 + 260 y^2 z^2 + 944 z^4 \right) - 3 \left(65 y^6 - 410 y^4 z^2 + 272 y^2 z^4 + 32 z^6 \right) \right)$	$\frac{1}{8} \sqrt{21} y z \left(-150 x^6 + 15 y^6 - 65 y^4 z^2 - 32 y^2 z^4 + 48 z^6 - 15 x^4 \left(19 y^2 - 69 z^2 \right) - 2 x^2 \left(60 y^4 - 485 y^2 z^2 + 456 z^4 \right) \right)$
-1	$-\frac{1}{16} \sqrt{\frac{7}{2}} \left(40 x^8 - 5 y^8 + 115 y^6 z^2 - 120 y^4 z^4 - 176 y^2 z^6 + 64 z^8 + 5 x^6 \left(23 y^2 - 247 z^2 \right) + 15 x^4 \left(7 y^4 - 157 y^2 z^2 + 232 z^4 \right) + x^2 \left(25 y^6 - 1005 y^4 z^2 + 3360 y^2 z^4 - 1616 z^6 \right) \right)$	$\frac{45}{16} \sqrt{\frac{7}{2}} x y \left(x^6 + y^6 - 30 y^4 z^2 + 80 y^2 z^4 - 32 z^6 + 3 x^4 \left(y^2 - 10 z^2 \right) + x^2 \left(3 y^4 - 60 y^2 z^2 + 80 z^4 \right) \right)$
0	$-\frac{9}{8} x z \left(35 x^6 + 35 y^6 - 280 y^4 z^2 + 336 y^2 z^4 - 64 z^6 + 35 x^4 \left(3 y^2 - 8 z^2 \right) + 7 x^2 \left(15 y^4 - 80 y^2 z^2 + 48 z^4 \right) \right)$	0
1	$\frac{1}{16} \sqrt{\frac{7}{2}} \left(40 x^8 - 5 y^8 + 115 y^6 z^2 - 120 y^4 z^4 - 176 y^2 z^6 + 64 z^8 + 5 x^6 \left(23 y^2 - 247 z^2 \right) + 15 x^4 \left(7 y^4 - 157 y^2 z^2 + 232 z^4 \right) + x^2 \left(25 y^6 - 1005 y^4 z^2 + 3360 y^2 z^4 - 1616 z^6 \right) \right)$	$\frac{45}{16} \sqrt{\frac{7}{2}} x y \left(x^6 + y^6 - 30 y^4 z^2 + 80 y^2 z^4 - 32 z^6 + 3 x^4 \left(y^2 - 10 z^2 \right) + x^2 \left(3 y^4 - 60 y^2 z^2 + 80 z^4 \right) \right)$
2	$\frac{1}{16} \sqrt{21} x z \left(135 x^6 + x^4 \left(75 y^2 - 970 z^2 \right) + x^2 \left(-255 y^4 + 260 y^2 z^2 + 944 z^4 \right) - 3 \left(65 y^6 - 410 y^4 z^2 + 272 y^2 z^4 + 32 z^6 \right) \right)$	$\frac{1}{8} \sqrt{21} y z \left(150 x^6 - 15 y^6 + 65 y^4 z^2 + 32 y^2 z^4 - 48 z^6 + 15 x^4 \left(19 y^2 - 69 z^2 \right) + 2 x^2 \left(60 y^4 - 485 y^2 z^2 + 456 z^4 \right) \right)$
3	$-\frac{3}{16} \sqrt{\frac{21}{2}} \left(8 x^8 + 3 y^8 - 57 y^6 z^2 + 20 y^4 z^4 + 80 y^2 z^6 - x^6 \left(17 y^2 + 207 z^2 \right) + x^4 \left(-55 y^4 + 585 y^2 z^2 + 420 z^4 \right) - x^2 \left(27 y^6 - 735 y^4 z^2 + 1320 y^2 z^4 + 80 z^6 \right) \right)$	$-\frac{3}{16} \sqrt{\frac{21}{2}} x y \left(27 x^6 - 17 y^6 + 378 y^4 z^2 - 480 y^2 z^4 - 160 z^6 + x^4 \left(37 y^2 - 678 z^2 \right) + x^2 \left(-7 y^4 - 300 y^2 z^2 + 1280 z^4 \right) \right)$
4	$\frac{1}{8} \sqrt{\frac{231}{2}} x z \left(-27 x^6 + x^4 \left(183 y^2 + 128 z^2 \right) + 5 x^2 \left(27 y^4 - 176 y^2 z^2 - 8 z^4 \right) + 15 y^2 \left(-5 y^4 + 16 y^2 z^2 + 8 z^4 \right) \right)$	$\frac{1}{2} \sqrt{\frac{231}{2}} y z \left(-30 x^6 - 3 y^6 + 7 y^4 z^2 + 10 y^2 z^4 + 15 x^4 \left(y^2 + 9 z^2 \right) + 2 x^2 \left(21 y^4 - 85 y^2 z^2 - 15 z^4 \right) \right)$
5	$\frac{1}{16} \sqrt{\frac{231}{2}} \left(8 x^8 - 5 y^8 + 55 y^6 z^2 + 60 y^4 z^4 - x^6 \left(97 y^2 + 127 z^2 \right) - 15 x^4 \left(y^4 - 103 y^2 z^2 - 4 z^4 \right) + 5 x^2 \left(17 y^6 - 237 y^4 z^2 - 72 y^2 z^4 \right) \right)$	$\frac{1}{16} \sqrt{\frac{231}{2}} x y \left(45 x^6 + 33 y^6 - 402 y^4 z^2 - 240 y^2 z^4 - 5 x^4 \left(17 y^2 + 138 z^2 \right) + x^2 \left(-97 y^4 + 1820 y^2 z^2 + 240 z^4 \right) \right)$
6	$\frac{3}{16} \sqrt{3003} x z \left(3 x^6 - x^4 \left(57 y^2 + 2 z^2 \right) + 5 x^2 \left(17 y^4 + 4 y^2 z^2 \right) - 5 \left(3 y^6 + 2 y^4 z^2 \right) \right)$	$-\frac{3}{8} \sqrt{3003} y z \left(-10 x^6 + y^4 \left(y^2 + z^2 \right) + 5 x^4 \left(9 y^2 + z^2 \right) - 2 x^2 \left(12 y^4 + 5 y^2 z^2 \right) \right)$
7	$\frac{1}{16} \sqrt{\frac{429}{2}} \left(-8 x^8 - 7 y^6 \left(y^2 + z^2 \right) - 105 x^4 y^2 \left(5 y^2 + z^2 \right) + 7 x^6 \left(31 y^2 + z^2 \right) + 7 x^2 \left(29 y^6 + 15 y^4 z^2 \right) \right)$	$\frac{1}{16} \sqrt{\frac{429}{2}} x y \left(-63 x^6 + 57 y^6 + 42 y^4 z^2 + 7 x^4 \left(61 y^2 + 6 z^2 \right) - 7 x^2 \left(59 y^4 + 20 y^2 z^2 \right) \right)$

n=7 By (A7/r^17) :

	Re	Im
-7	$\frac{1}{16}\sqrt{\frac{429}{2}}\ x\ y\left(57\ x^6-63\ y^6+42\ y^4\ z^2-7\ x^4\left(59\ y^2-6\ z^2\right)+7\ x^2\left(61\ y^4-20\ y^2\ z^2\right)\right)$	$\frac{1}{16}\sqrt{\frac{429}{2}}\left(7\ x^8+8\ y^8-7\ y^6\ z^2+7\ x^6\left(-29\ y^2+z^2\right)+105\ x^4\left(5\ y^4-y^2\ z^2\right)-7\ x^2\left(31\ y^6-15\ y^4\ z^2\right)\right)$
-6	$\frac{3}{16}\sqrt{3003}\ y\ z\left(15\ x^6-3\ y^6+2\ y^4\ z^2+x^4\left(-85\ y^2+10\ z^2\right)+x^2\left(57\ y^4-20\ y^2\ z^2\right)\right)$	$\frac{3}{8}\sqrt{3003}\ x\ z\left(x^6+x^4\left(-24\ y^2+z^2\right)+5\ y^4\left(-2\ y^2+z^2\right)+5\ x^2\left(9\ y^4-2\ y^2\ z^2\right)\right)$
-5	$\frac{1}{16}\sqrt{\frac{231}{2}}\ x\ y\left(-33\ x^6+x^4\left(97\ y^2+402\ z^2\right)-15\ y^2\left(3\ y^4-46\ y^2\ z^2+16\ z^4\right)+5\ x^2\left(17\ y^4-364\ y^2\ z^2+48\ z^4\right)\right)$	$\frac{1}{16}\sqrt{\frac{231}{2}}\left(-5\ x^8+8\ y^8-127\ y^6\ z^2+60\ y^4\ z^4+x^6\left(85\ y^2+55\ z^2\right)-15\ x^4\left(y^4+79\ y^2\ z^2-4\ z^4\right)+x^2\left(-97\ y^6+1545\ y^4\ z^2-360\ y^2\ z^4\right)\right)$
-4	$\frac{1}{8}\sqrt{\frac{231}{2}}\ y\ z\left(-75\ x^6-27\ y^6+128\ y^4\ z^2-40\ y^2\ z^4+15\ x^4\left(9\ y^2+16\ z^2\right)+x^2\left(183\ y^4-880\ y^2\ z^2+120\ z^4\right)\right)$	$\frac{1}{2}\sqrt{\frac{231}{2}}\ x\ z\left(-3\ x^6+7\ x^4\left(6\ y^2+z^2\right)+5\ x^2\left(3\ y^4-34\ y^2\ z^2+2\ z^4\right)-15\left(2\ y^6-9\ y^4\ z^2+2\ y^2\ z^4\right)\right)$
-3	$\frac{3}{16}\sqrt{\frac{21}{2}}\ x\ y\left(17\ x^6-27\ y^6+678\ y^4\ z^2-1280\ y^2\ z^4+160\ z^6+7\ x^4\left(y^2-54\ z^2\right)+x^2\left(-37\ y^4-300\ y^2\ z^2+480\ z^4\right)\right)$	$\frac{3}{16}\sqrt{\frac{21}{2}}\left(3\ x^8+8\ y^8-207\ y^6\ z^2+420\ y^4\ z^4-80\ y^2\ z^6-3\ x^6\left(9\ y^2+19\ z^2\right)+x^4\left(-55\ y^4+735\ y^2\ z^2+20\ z^4\right)+x^2\left(-17\ y^6+585\ y^4\ z^2-1320\ y^2\ z^4+80\ z^6\right)\right)$
-2	$\frac{1}{16}\sqrt{21}\ y\ z\left(195\ x^6-135\ y^6+970\ y^4\ z^2-944\ y^2\ z^4+96\ z^6+15\ x^4\left(17\ y^2-82\ z^2\right)+x^2\left(-75\ y^4-260\ y^2\ z^2+816\ z^4\right)\right)$	$\frac{1}{8}\sqrt{21}\ x\ z\left(15\ x^6-150\ y^6+1035\ y^4\ z^2-912\ y^2\ z^4+48\ z^6-5\ x^4\left(24\ y^2+13\ z^2\right)+x^2\left(-285\ y^4+970\ y^2\ z^2-32\ z^4\right)\right)$
-1	$-\frac{45}{16}\sqrt{\frac{7}{2}}\ x\ y\left(x^6+y^6-30\ y^4\ z^2+80\ y^2\ z^4-32\ z^6+3\ x^4\left(y^2-10\ z^2\right)+x^2\left(3\ y^4-60\ y^2\ z^2+80\ z^4\right)\right)$	$\frac{1}{16}\sqrt{\frac{7}{2}}\left(-5\ x^8+40\ y^8-1235\ y^6\ z^2+3480\ y^4\ z^4-1616\ y^2\ z^6+64\ z^8+5\ x^6\left(5\ y^2+23\ z^2\right)+15\ x^4\left(7\ y^4-67\ y^2\ z^2-8\ z^4\right)+x^2\left(115\ y^6-2355\ y^4\ z^2+3360\ y^2\ z^4-176\ z^6\right)\right)$
0	$-\frac{9}{8}\ y\ z\left(35\ x^6+35\ y^6-280\ y^4\ z^2+336\ y^2\ z^4-64\ z^6+35\ x^4\left(3\ y^2-8\ z^2\right)+7\ x^2\left(15\ y^4-80\ y^2\ z^2+48\ z^4\right)\right)$	0
1	$\frac{45}{16}\sqrt{\frac{7}{2}}\ x\ y\left(x^6+y^6-30\ y^4\ z^2+80\ y^2\ z^4-32\ z^6+3\ x^4\left(y^2-10\ z^2\right)+x^2\left(3\ y^4-60\ y^2\ z^2+80\ z^4\right)\right)$	$\frac{1}{16}\sqrt{\frac{7}{2}}\left(-5\ x^8+40\ y^8-1235\ y^6\ z^2+3480\ y^4\ z^4-1616\ y^2\ z^6+64\ z^8+5\ x^6\left(5\ y^2+23\ z^2\right)+15\ x^4\left(7\ y^4-67\ y^2\ z^2-8\ z^4\right)+x^2\left(115\ y^6-2355\ y^4\ z^2+3360\ y^2\ z^4-176\ z^6\right)\right)$
2	$\frac{1}{16}\sqrt{21}\ y\ z\left(195\ x^6-135\ y^6+970\ y^4\ z^2-944\ y^2\ z^4+96\ z^6+15\ x^4\left(17\ y^2-82\ z^2\right)+x^2\left(-75\ y^4-260\ y^2\ z^2+816\ z^4\right)\right)$	$\frac{1}{8}\sqrt{21}\ x\ z\left(-15\ x^6+5\ x^4\left(24\ y^2+13\ z^2\right)+x^2\left(285\ y^4-970\ y^2\ z^2+32\ z^4\right)+3\left(50\ y^6-345\ y^4\ z^2+304\ y^2\ z^4-16\ z^6\right)\right)$
3	$-\frac{3}{16}\sqrt{\frac{21}{2}}\ x\ y\left(17\ x^6-27\ y^6+678\ y^4\ z^2-1280\ y^2\ z^4+160\ z^6+7\ x^4\left(y^2-54\ z^2\right)+x^2\left(-37\ y^4+300\ y^2\ z^2+480\ z^4\right)\right)$	$\frac{3}{16}\sqrt{\frac{21}{2}}\left(3\ x^8+8\ y^8-207\ y^6\ z^2+420\ y^4\ z^4-80\ y^2\ z^6-3\ x^6\left(9\ y^2+19\ z^2\right)+x^4\left(-55\ y^4+735\ y^2\ z^2+20\ z^4\right)+x^2\left(-17\ y^6+585\ y^4\ z^2-1320\ y^2\ z^4+80\ z^6\right)\right)$
4	$\frac{1}{8}\sqrt{\frac{231}{2}}\ y\ z\left(-75\ x^6-27\ y^6+128\ y^4\ z^2-40\ y^2\ z^4+15\ x^4\left(9\ y^2+16\ z^2\right)+x^2\left(183\ y^4-880\ y^2\ z^2+120\ z^4\right)\right)$	$\frac{1}{2}\sqrt{\frac{231}{2}}\ x\ z\left(3\ x^6-7\ x^4\left(6\ y^2+z^2\right)-5\ x^2\left(3\ y^4-34\ y^2\ z^2+2\ z^4\right)+15\left(2\ y^6-9\ y^4\ z^2+2\ y^2\ z^4\right)\right)$
5	$\frac{1}{16}\sqrt{\frac{231}{2}}\ x\ y\left(33\ x^6-x^4\left(97\ y^2+402\ z^2\right)+15\ y^2\left(3\ y^4-46\ y^2\ z^2+16\ z^4\right)-5\ x^2\left(17\ y^4-364\ y^2\ z^2+48\ z^4\right)\right)$	$\frac{1}{16}\sqrt{\frac{231}{2}}\left(-5\ x^8+8\ y^8-127\ y^6\ z^2+60\ y^4\ z^4+x^6\left(85\ y^2+55\ z^2\right)-15\ x^4\left(y^4+79\ y^2\ z^2-4\ z^4\right)+x^2\left(-97\ y^6+1545\ y^4\ z^2-360\ y^2\ z^4\right)\right)$
6	$\frac{3}{16}\sqrt{3003}\ y\ z\left(15\ x^6-3\ y^6+2\ y^4\ z^2+x^4\left(-85\ y^2+10\ z^2\right)+x^2\left(57\ y^4-20\ y^2\ z^2\right)\right)$	$-\frac{3}{8}\sqrt{3003}\ x\ z\left(x^6+x^4\left(-24\ y^2+z^2\right)+5\ y^4\left(-2\ y^2+z^2\right)+5\ x^2\left(9\ y^4-2\ y^2\ z^2\right)\right)$
7	$\frac{1}{16}\sqrt{\frac{429}{2}}\ x\ y\left(-57\ x^6+63\ y^6-42\ y^4\ z^2+7\ x^4\left(59\ y^2-6\ z^2\right)-7\ x^2\left(61\ y^4-20\ y^2\ z^2\right)\right)$	$\frac{1}{16}\sqrt{\frac{429}{2}}\left(7\ x^8+8\ y^8-7\ y^6\ z^2+7\ x^6\left(-29\ y^2+z^2\right)+105\ x^4\left(5\ y^4-y^2\ z^2\right)-7\ x^2\left(31\ y^6-15\ y^4\ z^2\right)\right)$

n=7 Bz(A7/r^17) :

	Re	Im
-7	$\frac{15}{16}\sqrt{\frac{429}{2}}\ x\left(x^6-21\,x^4\,y^2+35\,x^2\,y^4-7\,y^6\right)\,z$	$\frac{15}{16}\sqrt{\frac{429}{2}}\ y\left(-7\,x^6+35\,x^4\,y^2-21\,x^2\,y^4+y^6\right)\,z$
-6	$-\frac{1}{16}\sqrt{3003}\,\left(x^6-15\,x^4\,y^2+15\,x^2\,y^4-y^6\right)\,\left(x^2+y^2-14\,z^2\right)$	$\frac{1}{8}\sqrt{3003}\,x\,y\,\left(3\,x^4-10\,x^2\,y^2+3\,y^4\right)\,\left(x^2+y^2-14\,z^2\right)$
-5	$-\frac{39}{16}\sqrt{\frac{231}{2}}\ x\left(x^4-10\,x^2\,y^2+5\,y^4\right)\,z\left(x^2+y^2-4\,z^2\right)$	$\frac{39}{16}\sqrt{\frac{231}{2}}\ y\left(5\,x^4-10\,x^2\,y^2+y^4\right)\,z\left(x^2+y^2-4\,z^2\right)$
-4	$\frac{3}{8}\sqrt{\frac{231}{2}}\,\left(x^4-6\,x^2\,y^2+y^4\right)\,\left(x^4+y^4-24\,y^2\,z^2+40\,z^4+2\,x^2\left(y^2-12\,z^2\right)\right)$	$-\frac{3}{2}\sqrt{\frac{231}{2}}\,x\,y\left(x^2-y^2\right)\,\left(x^4+y^4-24\,y^2\,z^2+40\,z^4+2\,x^2\left(y^2-12\,z^2\right)\right)$
-3	$\frac{55}{16}\sqrt{\frac{21}{2}}\ x\left(x^2-3\,y^2\right)\,z\left(3\,x^4+3\,y^4-20\,y^2\,z^2+16\,z^4+x^2\left(6\,y^2-20\,z^2\right)\right)$	$\frac{55}{16}\sqrt{\frac{21}{2}}\ y\left(-3\,x^2+y^2\right)\,z\left(3\,x^4+3\,y^4-20\,y^2\,z^2+16\,z^4+x^2\left(6\,y^2-20\,z^2\right)\right)$
-2	$-\frac{15}{16}\sqrt{21}\,\left(x^2-y^2\right)\,\left(x^6+y^6-30\,y^4\,z^2+80\,y^2\,z^4-32\,z^6+3\,x^4\left(y^2-10\,z^2\right)+x^2\left(3\,y^4-60\,y^2\,z^2+80\,z^4\right)\right)$	$\frac{15}{8}\sqrt{21}\,x\,y\left(x^6+y^6-30\,y^4\,z^2+80\,y^2\,z^4-32\,z^6+3\,x^4\left(y^2-10\,z^2\right)+x^2\left(3\,y^4-60\,y^2\,z^2+80\,z^4\right)\right)$
-1	$-\frac{9}{16}\sqrt{\frac{7}{2}}\,x\,z\left(35\,x^6+35\,y^6-280\,y^4\,z^2+336\,y^2\,z^4-64\,z^6+35\,x^4\left(3\,y^2-8\,z^2\right)+7\,x^2\left(15\,y^4-80\,y^2\,z^2+48\,z^4\right)\right)$	$\frac{9}{16}\sqrt{\frac{7}{2}}\,y\,z\left(35\,x^6+35\,y^6-280\,y^4\,z^2+336\,y^2\,z^4-64\,z^6+35\,x^4\left(3\,y^2-8\,z^2\right)+7\,x^2\left(15\,y^4-80\,y^2\,z^2+48\,z^4\right)\right)$
0	$\frac{35\,x^6}{8}+\frac{35\,y^6}{8}-140\,y^6\,z^2+420\,y^4\,z^4-224\,y^2\,z^6+16\,z^8+\frac{35}{2}\,x^6\left(y^2-8\,z^2\right)+\frac{105}{4}\,x^4\left(y^4-16\,y^2\,z^2+16\,z^4\right)+\frac{7}{2}\,x^2\left(5\,y^6-120\,y^4\,z^2+240\,y^2\,z^4-64\,z^6\right)$	0
1	$\frac{9}{16}\sqrt{\frac{7}{2}}\,x\,z\left(35\,x^6+35\,y^6-280\,y^4\,z^2+336\,y^2\,z^4-64\,z^6+35\,x^4\left(3\,y^2-8\,z^2\right)+7\,x^2\left(15\,y^4-80\,y^2\,z^2+48\,z^4\right)\right)$	$\frac{9}{16}\sqrt{\frac{7}{2}}\,y\,z\left(35\,x^6+35\,y^6-280\,y^4\,z^2+336\,y^2\,z^4-64\,z^6+35\,x^4\left(3\,y^2-8\,z^2\right)+7\,x^2\left(15\,y^4-80\,y^2\,z^2+48\,z^4\right)\right)$
2	$-\frac{15}{16}\sqrt{21}\,\left(x^2-y^2\right)\,\left(x^6+y^6-30\,y^4\,z^2+80\,y^2\,z^4-32\,z^6+3\,x^4\left(y^2-10\,z^2\right)+x^2\left(3\,y^4-60\,y^2\,z^2+80\,z^4\right)\right)$	$-\frac{15}{8}\sqrt{21}\,x\,y\left(x^6+y^6-30\,y^4\,z^2+80\,y^2\,z^4-32\,z^6+3\,x^4\left(y^2-10\,z^2\right)+x^2\left(3\,y^4-60\,y^2\,z^2+80\,z^4\right)\right)$
3	$-\frac{55}{16}\sqrt{\frac{21}{2}}\,x\left(x^2-3\,y^2\right)\,z\left(3\,x^4+3\,y^4-20\,y^2\,z^2+16\,z^4+x^2\left(6\,y^2-20\,z^2\right)\right)$	$\frac{55}{16}\sqrt{\frac{21}{2}}\,y\left(-3\,x^2+y^2\right)\,z\left(3\,x^4+3\,y^4-20\,y^2\,z^2+16\,z^4+x^2\left(6\,y^2-20\,z^2\right)\right)$
4	$\frac{3}{8}\sqrt{\frac{231}{2}}\,\left(x^4-6\,x^2\,y^2+y^4\right)\,\left(x^4+y^4-24\,y^2\,z^2+40\,z^4+2\,x^2\left(y^2-12\,z^2\right)\right)$	$\frac{3}{2}\sqrt{\frac{231}{2}}\,x\,y\left(x^2-y^2\right)\,\left(x^4+y^4-24\,y^2\,z^2+40\,z^4+2\,x^2\left(y^2-12\,z^2\right)\right)$
5	$\frac{39}{16}\sqrt{\frac{231}{2}}\,x\left(x^4-10\,x^2\,y^2+5\,y^4\right)\,z\left(x^2+y^2-4\,z^2\right)$	$\frac{39}{16}\sqrt{\frac{231}{2}}\,y\left(5\,x^4-10\,x^2\,y^2+y^4\right)\,z\left(x^2+y^2-4\,z^2\right)$
6	$-\frac{1}{16}\sqrt{3003}\,\left(x^6-15\,x^4\,y^2+15\,x^2\,y^4-y^6\right)\,\left(x^2+y^2-14\,z^2\right)$	$-\frac{1}{8}\sqrt{3003}\,x\,y\left(3\,x^4-10\,x^2\,y^2+3\,y^4\right)\,\left(x^2+y^2-14\,z^2\right)$
7	$-\frac{15}{16}\sqrt{\frac{429}{2}}\,x\left(x^6-21\,x^4\,y^2+35\,x^2\,y^4-7\,y^6\right)\,z$	$\frac{15}{16}\sqrt{\frac{429}{2}}\,y\left(-7\,x^6+35\,x^4\,y^2-21\,x^2\,y^4+y^6\right)\,z$

n=8 Bx(A8/r^619):

	Re	Im
-8	$\sqrt{\frac{715}{2}} \ x \left(9 \ x^8 + 73 \ y^8 + 56 \ y^6 \ z^2 - 4 \ x^6 \left(79 \ y^2 + 2 \ z^2 \right) + 14 \ x^4 \left(77 \ y^4 + 12 \ y^2 \ z^2 \right) - 140 \ x^2 \left(5 \ y^6 + 2 \ y^4 \ z^2 \right) \right)$	$-4 \ \sqrt{1430} \ y \left(10 \ x^8 + y^6 \left(y^2 + z^2 \right) - 7 \ x^6 \left(13 \ y^2 + z^2 \right) + 7 \ x^4 \left(19 \ y^4 + 5 \ y^2 \ z^2 \right) - x^2 \left(37 \ y^6 + 21 \ y^4 \ z^2 \right) \right)$
-7	$2 \ \sqrt{1430} \ z \left(10 \ x^8 + 7 \ y^6 \left(y^2 + z^2 \right) - 7 \ x^6 \left(37 \ y^2 + z^2 \right) + 35 \ x^4 \left(17 \ y^4 + 3 \ y^2 \ z^2 \right) - 7 \ x^2 \left(31 \ y^6 + 15 \ y^4 \ z^2 \right) \right)$	$2 \ \sqrt{1430} \ x \ y \ z \left(-77 \ x^6 + 59 \ y^6 + 42 \ y^4 \ z^2 + 7 \ x^4 \left(71 \ y^2 + 6 \ z^2 \right) - 35 \ x^2 \left(13 \ y^4 + 4 \ y^2 \ z^2 \right) \right)$
-6	$-2 \ \sqrt{429} \ x \left(3 \ x^8 - 54 \ x^6 \left(y^2 + z^2 \right) + 14 \ x^4 \left(2 \ y^4 + 69 \ y^2 \ z^2 + 2 \ z^4 \right) + 5 \ y^4 \left(-3 \ y^4 + 42 \ y^2 \ z^2 + 28 \ z^4 \right) + 70 \ x^2 \left(y^6 - 19 \ y^4 \ z^2 - 4 \ y^2 \ z^4 \right) \right)$	$-4 \ \sqrt{429} \ y \left(-10 \ x^8 + y^6 - 13 \ y^6 \ z^2 - 14 \ y^4 \ z^4 + 35 \ x^6 \left(y^2 + 5 \ z^2 \right) + 7 \ x^4 \left(3 \ y^4 - 105 \ y^2 \ z^2 - 10 \ z^4 \right) + x^2 \left(-23 \ y^6 + 357 \ y^4 \ z^2 + 140 \ y^2 \ z^4 \right) \right)$
-5	$-10 \ \sqrt{2002} \ z \left(2 \ x^8 - y^8 + 3 \ y^6 \ z^2 + 4 \ y^4 \ z^4 - x^6 \left(23 \ y^2 + 11 \ z^2 \right) + x^4 \left(-5 \ y^4 + 125 \ y^2 \ z^2 + 4 \ z^4 \right) + x^2 \left(19 \ y^6 - 85 \ y^4 \ z^2 - 24 \ y^2 \ z^4 \right) \right)$	$10 \ \sqrt{2002} \ x \ y \ z \left(11 \ x^6 + 7 \ y^6 - 26 \ y^4 \ z^2 - 16 \ y^2 \ z^4 - x^4 \left(19 \ y^2 + 58 \ z^2 \right) + x^2 \left(-23 \ y^4 + 140 \ y^2 \ z^2 + 16 \ z^4 \right) \right)$
-4	$\sqrt{154} \ x \left(9 \ x^8 - 4 \ x^6 \left(13 \ y^2 + 68 \ z^2 \right) + x^4 \left(-106 \ y^4 + 1728 \ y^2 \ z^2 + 664 \ z^4 \right) - 20 \ x^2 \left(y^6 - 68 \ y^4 \ z^2 + 212 \ y^2 \ z^4 + 8 \ z^6 \right) + 5 \ y^2 \left(5 \ y^6 - 128 \ y^4 \ z^2 + 184 \ y^2 \ z^4 + 96 \ z^6 \right) \right)$	$-4 \ \sqrt{154} \ y \left(10 \ x^8 + y^8 - 23 \ y^6 \ z^2 + 16 \ y^4 \ z^4 + 40 \ y^2 \ z^6 + 5 \ x^6 \left(y^2 - 59 \ z^2 \right) + x^4 \left(-19 \ y^4 + 115 \ y^2 \ z^2 + 680 \ z^4 \right) - x^2 \left(13 \ y^6 - 387 \ y^4 \ z^2 + 760 \ y^2 \ z^4 + 120 \ z^6 \right) \right)$
-3	$-2 \ \sqrt{2310} \ z \left(-10 \ x^8 - 3 \ y^8 + 17 \ y^6 \ z^2 + 4 \ y^4 \ z^4 - 16 \ y^2 \ z^6 + x^6 \left(19 \ y^2 + 87 \ z^2 \right) + x^4 \left(65 \ y^4 - 225 \ y^2 \ z^2 - 108 \ z^4 \right) + x^2 \left(33 \ y^6 - 295 \ y^4 \ z^2 + 312 \ y^2 \ z^4 + 16 \ z^6 \right) \right)$	$2 \ \sqrt{2310} \ x \ y \ z \left(-33 \ x^6 + 19 \ y^6 - 138 \ y^4 \ z^2 + 96 \ y^2 \ z^4 + 32 \ z^6 + x^4 \left(-47 \ y^2 + 278 \ z^2 \right) + 5 \ x^2 \left(y^4 + 28 \ y^2 \ z^2 - 64 \ z^4 \right) \right)$
-2	$-2 \ \sqrt{35} \ x \left(9 \ x^8 - 13 \ y^8 + 454 \ y^6 \ z^2 - 1420 \ y^4 \ z^4 + 608 \ y^2 \ z^6 + 64 \ z^8 + 2 \ x^6 \left(7 \ y^2 - 169 \ z^2 \right) - 2 \ x^4 \left(6 \ y^4 + 111 \ y^2 \ z^2 - 610 \ z^4 \right) - 10 \ x^2 \left(3 \ y^6 - 57 \ y^4 \ z^2 + 20 \ y^2 \ z^4 + 80 \ z^6 \right) \right)$	$4 \ \sqrt{35} \ y \left(10 \ x^8 - y^8 + 29 \ y^6 \ z^2 - 50 \ y^4 \ z^4 - 48 \ y^2 \ z^6 + 32 \ z^8 + x^6 \left(29 \ y^2 - 367 \ z^2 \right) + x^4 \left(27 \ y^4 - 705 \ y^2 \ z^2 + 1270 \ z^4 \right) + x^2 \left(7 \ y^6 - 309 \ y^4 \ z^2 + 1220 \ y^2 \ z^4 - 752 \ z^6 \right) \right)$
-1	$-2 \ \sqrt{2} \ z \left(350 \ x^8 - 35 \ y^8 + 245 \ y^6 \ z^2 - 56 \ y^4 \ z^4 - 272 \ y^2 \ z^6 + 64 \ z^8 + 35 \ x^6 \left(29 \ y^2 - 103 \ z^2 \right) + 7 \ x^4 \left(135 \ y^4 - 995 \ y^2 \ z^2 + 872 \ z^4 \right) + x^2 \left(245 \ y^6 - 3115 \ y^4 \ z^2 + 6048 \ y^2 \ z^4 - 2032 \ z^6 \right) \right)$	$110 \ \sqrt{2} \ x \ y \ z \left(7 \ x^6 + 7 \ y^6 - 70 \ y^4 \ z^2 + 112 \ y^2 \ z^4 - 32 \ z^6 + 7 \ x^4 \left(3 \ y^2 - 10 \ z^2 \right) + 7 \ x^2 \left(3 \ y^4 - 20 \ y^2 \ z^2 + 16 \ z^4 \right) \right)$
0	$15 \ x \left(7 \ x^8 + 7 \ y^8 - 280 \ y^6 \ z^2 + 1120 \ y^4 \ z^4 - 896 \ y^2 \ z^6 + 128 \ z^8 + 28 \ x^6 \left(y^2 - 10 \ z^2 \right) + 14 \ x^4 \left(3 \ y^4 - 60 \ y^2 \ z^2 + 80 \ z^4 \right) + 28 \ x^2 \left(y^6 - 30 \ y^4 \ z^2 + 80 \ y^2 \ z^4 - 32 \ z^6 \right) \right)$	0
1	$2 \ \sqrt{2} \ z \left(350 \ x^8 - 35 \ y^8 + 245 \ y^6 \ z^2 - 56 \ y^4 \ z^4 - 272 \ y^2 \ z^6 + 64 \ z^8 + 35 \ x^6 \left(29 \ y^2 - 103 \ z^2 \right) + 7 \ x^4 \left(135 \ y^4 - 995 \ y^2 \ z^2 + 872 \ z^4 \right) + x^2 \left(245 \ y^6 - 3115 \ y^4 \ z^2 + 6048 \ y^2 \ z^4 - 2032 \ z^6 \right) \right)$	$110 \ \sqrt{2} \ x \ y \ z \left(7 \ x^6 + 7 \ y^6 - 70 \ y^4 \ z^2 + 112 \ y^2 \ z^4 - 32 \ z^6 + 7 \ x^4 \left(3 \ y^2 - 10 \ z^2 \right) + 7 \ x^2 \left(3 \ y^4 - 20 \ y^2 \ z^2 + 16 \ z^4 \right) \right)$
2	$-2 \ \sqrt{35} \ x \left(9 \ x^8 - 13 \ y^8 + 454 \ y^6 \ z^2 - 1420 \ y^4 \ z^4 + 608 \ y^2 \ z^6 + 64 \ z^8 + 2 \ x^6 \left(7 \ y^2 - 169 \ z^2 \right) - 2 \ x^4 \left(6 \ y^4 + 111 \ y^2 \ z^2 - 610 \ z^4 \right) - 10 \ x^2 \left(3 \ y^6 - 57 \ y^4 \ z^2 + 20 \ y^2 \ z^4 + 80 \ z^6 \right) \right)$	$-4 \ \sqrt{35} \ y \left(10 \ x^8 - y^8 + 29 \ y^6 \ z^2 - 50 \ y^4 \ z^4 - 48 \ y^2 \ z^6 + 32 \ z^8 + x^6 \left(29 \ y^2 - 367 \ z^2 \right) + x^4 \left(27 \ y^4 - 705 \ y^2 \ z^2 + 1270 \ z^4 \right) + x^2 \left(7 \ y^6 - 309 \ y^4 \ z^2 + 1220 \ y^2 \ z^4 - 752 \ z^6 \right) \right)$
3	$2 \ \sqrt{2310} \ z \left(-10 \ x^8 - 3 \ y^8 + 17 \ y^6 \ z^2 + 4 \ y^4 \ z^4 - 16 \ y^2 \ z^6 + x^6 \left(19 \ y^2 + 87 \ z^2 \right) + x^4 \left(65 \ y^4 - 225 \ y^2 \ z^2 - 108 \ z^4 \right) + x^2 \left(33 \ y^6 - 295 \ y^4 \ z^2 + 312 \ y^2 \ z^4 + 16 \ z^6 \right) \right)$	$2 \ \sqrt{2310} \ x \ y \ z \left(-33 \ x^6 + 19 \ y^6 - 138 \ y^4 \ z^2 + 96 \ y^2 \ z^4 + 32 \ z^6 + x^4 \left(-47 \ y^2 + 278 \ z^2 \right) + 5 \ x^2 \left(y^4 + 28 \ y^2 \ z^2 - 64 \ z^4 \right) \right)$
4	$\sqrt{154} \ x \left(9 \ x^8 - 4 \ x^6 \left(13 \ y^2 + 68 \ z^2 \right) + x^4 \left(-106 \ y^4 + 1728 \ y^2 \ z^2 + 664 \ z^4 \right) - 20 \ x^2 \left(y^6 - 68 \ y^4 \ z^2 + 212 \ y^2 \ z^4 + 8 \ z^6 \right) + 5 \ y^2 \left(5 \ y^6 - 128 \ y^4 \ z^2 + 184 \ y^2 \ z^4 + 96 \ z^6 \right) \right)$	$4 \ \sqrt{154} \ y \left(10 \ x^8 + y^8 - 23 \ y^6 \ z^2 + 16 \ y^4 \ z^4 + 40 \ y^2 \ z^6 + 5 \ x^6 \left(y^2 - 59 \ z^2 \right) + x^4 \left(-19 \ y^4 + 115 \ y^2 \ z^2 + 680 \ z^4 \right) - x^2 \left(13 \ y^6 - 387 \ y^4 \ z^2 + 760 \ y^2 \ z^4 + 120 \ z^6 \right) \right)$
5	$10 \ \sqrt{2002} \ z \left(2 \ x^8 - y^8 + 3 \ y^6 \ z^2 + 4 \ y^4 \ z^4 - x^6 \left(23 \ y^2 + 11 \ z^2 \right) + x^4 \left(-5 \ y^4 + 125 \ y^2 \ z^2 + 4 \ z^4 \right) + x^2 \left(19 \ y^6 - 85 \ y^4 \ z^2 - 24 \ y^2 \ z^4 \right) \right)$	$10 \ \sqrt{2002} \ x \ y \ z \left(11 \ x^6 + 7 \ y^6 - 26 \ y^4 \ z^2 - 16 \ y^2 \ z^4 - x^4 \left(19 \ y^2 + 58 \ z^2 \right) + x^2 \left(-23 \ y^4 + 140 \ y^2 \ z^2 + 16 \ z^4 \right) \right)$
6	$-2 \ \sqrt{429} \ x \left(3 \ x^8 - 54 \ x^6 \left(y^2 + z^2 \right) + 14 \ x^4 \left(2 \ y^4 + 69 \ y^2 \ z^2 + 2 \ z^4 \right) + 5 \ y^4 \left(-3 \ y^4 + 42 \ y^2 \ z^2 + 28 \ z^4 \right) + 70 \ x^2 \left(y^6 - 19 \ y^4 \ z^2 - 4 \ y^2 \ z^4 \right) \right)$	$4 \ \sqrt{429} \ y \left(-10 \ x^8 + y^8 - 13 \ y^6 \ z^2 - 14 \ y^4 \ z^4 + 35 \ x^6 \left(y^2 + 5 \ z^2 \right) + 7 \ x^4 \left(3 \ y^4 - 105 \ y^2 \ z^2 - 10 \ z^4 \right) + x^2 \left(-23 \ y^6 + 357 \ y^4 \ z^2 + 140 \ y^2 \ z^4 \right) \right)$
7	$-2 \ \sqrt{1430} \ z \left(10 \ x^8 + 7 \ y^6 \left(y^2 + z^2 \right) - 7 \ x^6 \left(37 \ y^2 + z^2 \right) + 35 \ x^4 \left(17 \ y^4 + 3 \ y^2 \ z^2 \right) - 7 \ x^2 \left(31 \ y^6 + 15 \ y^4 \ z^2 \right) \right)$	$2 \ \sqrt{1430} \ x \ y \ z \left(-77 \ x^6 + 59 \ y^6 + 42 \ y^4 \ z^2 + 7 \ x^4 \left(71 \ y^2 + 6 \ z^2 \right) - 35 \ x^2 \left(13 \ y^4 + 4 \ y^2 \ z^2 \right) \right)$
8	$\sqrt{\frac{715}{2}} \ x \left(9 \ x^8 + 73 \ y^8 + 56 \ y^6 \ z^2 - 4 \ x^6 \left(79 \ y^2 + 2 \ z^2 \right) + 14 \ x^4 \left(77 \ y^4 + 12 \ y^2 \ z^2 \right) - 140 \ x^2 \left(5 \ y^6 + 2 \ y^4 \ z^2 \right) \right)$	$4 \ \sqrt{1430} \ y \left(10 \ x^8 + y^6 \left(y^2 + z^2 \right) - 7 \ x^6 \left(13 \ y^2 + z^2 \right) + 7 \ x^4 \left(19 \ y^4 + 5 \ y^2 \ z^2 \right) - x^2 \left(37 \ y^6 + 21 \ y^4 \ z^2 \right) \right)$

n=8 By (A8/r^19) :

	Re	Im
-8	$\sqrt{\frac{715}{2}} \ y \left(73 \ x^8 + 9 \ y^8 - 8 \ y^6 \ z^2 + x^6 \left(-700 \ y^2 + 56 \ z^2 \right) + 14 \ x^4 \left(77 \ y^4 - 20 \ y^2 \ z^2 \right) - 4 \ x^2 \left(79 \ y^6 - 42 \ y^4 \ z^2 \right) \right)$	$4 \ \sqrt{1430} \ x \left(x^8 + 10 \ y^8 - 7 \ y^6 \ z^2 + x^6 \left(-37 \ y^2 + z^2 \right) + 7 \ x^4 \left(19 \ y^4 - 3 \ y^2 \ z^2 \right) + x^2 \left(-91 \ y^6 + 35 \ y^4 \ z^2 \right) \right)$
-7	$2 \ \sqrt{1430} \ x \ y \ z \left(59 \ x^6 - 77 \ y^6 + 42 \ y^4 \ z^2 - 7 \ x^4 \left(65 \ y^2 - 6 \ z^2 \right) + 7 \ x^2 \left(71 \ y^4 - 20 \ y^2 \ z^2 \right) \right)$	$2 \ \sqrt{1430} \ z \left(7 \ x^8 + 10 \ y^8 - 7 \ y^6 \ z^2 + 7 \ x^6 \left(-31 \ y^2 + z^2 \right) + 35 \ x^4 \left(17 \ y^4 - 3 \ y^2 \ z^2 \right) - 7 \ x^2 \left(37 \ y^6 - 15 \ y^4 \ z^2 \right) \right)$
-6	$2 \ \sqrt{429} \ y \left(-15 \ x^8 + 3 \ y^8 - 54 \ y^6 \ z^2 + 28 \ y^4 \ z^4 + 70 \ x^6 \left(y^2 + 3 \ z^2 \right) + 14 \ x^4 \left(2 \ y^4 - 95 \ y^2 \ z^2 + 10 \ z^4 \right) + x^2 \left(-54 \ y^6 + 966 \ y^4 \ z^2 - 280 \ y^2 \ z^4 \right) \right)$	$-4 \ \sqrt{429} \ x \left(x^8 - x^6 \left(23 \ y^2 + 13 \ z^2 \right) + 7 \ x^4 \left(3 \ y^4 + 51 \ y^2 \ z^2 - 2 \ z^4 \right) - 5 \ y^4 \left(2 \ y^4 - 35 \ y^2 \ z^2 + 14 \ z^4 \right) + 35 \ x^2 \left(y^6 - 21 \ y^4 \ z^2 + 4 \ y^2 \ z^4 \right) \right)$
-5	$-10 \ \sqrt{2002} \ x \ y \ z \left(7 \ x^6 + 11 \ y^6 - 58 \ y^4 \ z^2 + 16 \ y^2 \ z^4 - x^4 \left(23 \ y^2 + 26 \ z^2 \right) + x^2 \left(-19 \ y^4 + 140 \ y^2 \ z^2 - 16 \ z^4 \right) \right)$	$-10 \ \sqrt{2002} \ z \left(x^8 - 2 \ y^8 + 11 \ y^6 \ z^2 - 4 \ y^4 \ z^4 - x^6 \left(19 \ y^2 + 3 \ z^2 \right) + x^4 \left(5 \ y^4 + 85 \ y^2 \ z^2 - 4 \ z^4 \right) + x^2 \left(23 \ y^6 - 125 \ y^4 \ z^2 + 24 \ y^2 \ z^4 \right) \right)$
-4	$\sqrt{154} \ y \left(25 \ x^8 + 9 \ y^8 - 272 \ y^6 \ z^2 + 664 \ y^4 \ z^4 - 160 \ y^2 \ z^6 - 20 \ x^6 \left(y^2 + 32 \ z^2 \right) + x^4 \left(-106 \ y^4 + 1360 \ y^2 \ z^2 + 920 \ z^4 \right) + x^2 \left(-52 \ y^6 + 1728 \ y^4 \ z^2 - 4240 \ y^2 \ z^4 + 480 \ z^6 \right) \right)$	$4 \ \sqrt{154} \ x \left(x^8 - x^6 \left(13 \ y^2 + 23 \ z^2 \right) + x^4 \left(-19 \ y^4 + 387 \ y^2 \ z^2 + 16 \ z^4 \right) + 5 \ x^2 \left(y^6 + 23 \ y^4 \ z^2 - 152 \ y^2 \ z^4 + 8 \ z^6 \right) + 5 \left(2 \ y^8 - 59 \ y^6 \ z^2 + 136 \ y^4 \ z^4 - 24 \ y^2 \ z^6 \right) \right)$
-3	$2 \ \sqrt{2310} \ x \ y \ z \left(19 \ x^6 - 33 \ y^6 + 278 \ y^4 \ z^2 - 320 \ y^2 \ z^4 + 32 \ z^6 + x^4 \left(5 \ y^2 - 138 \ z^2 \right) + x^2 \left(-47 \ y^4 + 140 \ y^2 \ z^2 + 96 \ z^4 \right) \right)$	$2 \ \sqrt{2310} \ z \left(3 \ x^8 + 10 \ y^8 - 87 \ y^6 \ z^2 + 108 \ y^4 \ z^4 - 16 \ y^2 \ z^6 - x^6 \left(33 \ y^2 + 17 \ z^2 \right) + x^4 \left(-65 \ y^4 + 295 \ y^2 \ z^2 - 4 \ z^4 \right) + x^2 \left(-19 \ y^6 + 225 \ y^4 \ z^2 - 312 \ y^2 \ z^4 + 16 \ z^6 \right) \right)$
-2	$-2 \ \sqrt{35} \ y \left(13 \ x^8 - 9 \ y^8 + 338 \ y^6 \ z^2 - 1220 \ y^4 \ z^4 + 800 \ y^2 \ z^6 - 64 \ z^8 + x^6 \left(30 \ y^2 - 454 \ z^2 \right) + 2 \ x^4 \left(6 \ y^4 - 285 \ y^2 \ z^2 + 710 \ z^4 \right) + x^2 \left(-14 \ y^6 + 222 \ y^4 \ z^2 + 200 \ y^2 \ z^4 - 608 \ z^6 \right) \right)$	$-4 \ \sqrt{35} \ x \left(x^8 - 10 \ y^8 + 367 \ y^6 \ z^2 - 1270 \ y^4 \ z^4 + 752 \ y^2 \ z^6 - 32 \ z^8 - x^6 \left(7 \ y^2 + 29 \ z^2 \right) + x^4 \left(-27 \ y^4 + 309 \ y^2 \ z^2 + 50 \ z^4 \right) + x^2 \left(-29 \ y^6 + 705 \ y^4 \ z^2 - 1220 \ y^2 \ z^4 + 48 \ z^6 \right) \right)$
-1	$-110 \ \sqrt{2} \ x \ y \ z \left(7 \ x^6 + 7 \ y^6 - 70 \ y^4 \ z^2 + 112 \ y^2 \ z^4 - 32 \ z^6 + 7 \ x^4 \left(3 \ y^2 - 10 \ z^2 \right) + 7 \ x^2 \left(3 \ y^4 - 20 \ y^2 \ z^2 + 16 \ z^4 \right) \right)$	$-2 \ \sqrt{2} \ z \left(35 \ x^8 - 350 \ y^8 + 3605 \ y^6 \ z^2 - 6104 \ y^4 \ z^4 + 2032 \ y^2 \ z^6 - 64 \ z^8 - 245 \ x^6 \left(y^2 + z^2 \right) + x^4 \left(-945 \ y^4 + 3115 \ y^2 \ z^2 + 56 \ z^4 \right) + x^2 \left(-1015 \ y^6 + 6965 \ y^4 \ z^2 - 6048 \ y^2 \ z^4 + 272 \ z^6 \right) \right)$
0	$15 \ y \left(7 \ x^8 + 7 \ y^8 - 280 \ y^6 \ z^2 + 1120 \ y^4 \ z^4 - 896 \ y^2 \ z^6 + 128 \ z^8 + 28 \ x^6 \left(y^2 - 10 \ z^2 \right) + 14 \ x^4 \left(3 \ y^4 - 60 \ y^2 \ z^2 + 80 \ z^4 \right) + 28 \ x^2 \left(y^6 - 30 \ y^4 \ z^2 + 80 \ y^2 \ z^4 - 32 \ z^6 \right) \right)$	0
1	$110 \ \sqrt{2} \ x \ y \ z \left(7 \ x^6 + 7 \ y^6 - 70 \ y^4 \ z^2 + 112 \ y^2 \ z^4 - 32 \ z^6 + 7 \ x^4 \left(3 \ y^2 - 10 \ z^2 \right) + 7 \ x^2 \left(3 \ y^4 - 20 \ y^2 \ z^2 + 16 \ z^4 \right) \right)$	$-2 \ \sqrt{2} \ z \left(35 \ x^8 - 350 \ y^8 + 3605 \ y^6 \ z^2 - 6104 \ y^4 \ z^4 + 2032 \ y^2 \ z^6 - 64 \ z^8 - 245 \ x^6 \left(y^2 + z^2 \right) + x^4 \left(-945 \ y^4 + 3115 \ y^2 \ z^2 + 56 \ z^4 \right) + x^2 \left(-1015 \ y^6 + 6965 \ y^4 \ z^2 - 6048 \ y^2 \ z^4 + 272 \ z^6 \right) \right)$
2	$-2 \ \sqrt{35} \ y \left(13 \ x^8 - 9 \ y^8 + 338 \ y^6 \ z^2 - 1220 \ y^4 \ z^4 + 800 \ y^2 \ z^6 - 64 \ z^8 + x^6 \left(30 \ y^2 - 454 \ z^2 \right) + 2 \ x^4 \left(6 \ y^4 - 285 \ y^2 \ z^2 + 710 \ z^4 \right) + x^2 \left(-14 \ y^6 + 222 \ y^4 \ z^2 + 200 \ y^2 \ z^4 - 608 \ z^6 \right) \right)$	$4 \ \sqrt{35} \ x \left(x^8 - 10 \ y^8 + 367 \ y^6 \ z^2 - 1270 \ y^4 \ z^4 + 752 \ y^2 \ z^6 - 32 \ z^8 - x^6 \left(7 \ y^2 + 29 \ z^2 \right) + x^4 \left(-27 \ y^4 + 309 \ y^2 \ z^2 + 50 \ z^4 \right) + x^2 \left(-29 \ y^6 + 705 \ y^4 \ z^2 - 1220 \ y^2 \ z^4 + 48 \ z^6 \right) \right)$
3	$-2 \ \sqrt{2310} \ x \ y \ z \left(19 \ x^6 - 33 \ y^6 + 278 \ y^4 \ z^2 - 320 \ y^2 \ z^4 + 32 \ z^6 + x^4 \left(5 \ y^2 - 138 \ z^2 \right) + x^2 \left(-47 \ y^4 + 140 \ y^2 \ z^2 + 96 \ z^4 \right) \right)$	$2 \ \sqrt{2310} \ z \left(3 \ x^8 + 10 \ y^8 - 87 \ y^6 \ z^2 + 108 \ y^4 \ z^4 - 16 \ y^2 \ z^6 - x^6 \left(33 \ y^2 + 17 \ z^2 \right) + x^4 \left(-65 \ y^4 + 295 \ y^2 \ z^2 - 4 \ z^4 \right) + x^2 \left(-19 \ y^6 + 225 \ y^4 \ z^2 - 312 \ y^2 \ z^4 + 16 \ z^6 \right) \right)$
4	$\sqrt{154} \ y \left(25 \ x^8 + 9 \ y^8 - 272 \ y^6 \ z^2 + 664 \ y^4 \ z^4 - 160 \ y^2 \ z^6 - 20 \ x^6 \left(y^2 + 32 \ z^2 \right) + x^4 \left(-106 \ y^4 + 1360 \ y^2 \ z^2 + 920 \ z^4 \right) + x^2 \left(-52 \ y^6 + 1728 \ y^4 \ z^2 - 4240 \ y^2 \ z^4 + 480 \ z^6 \right) \right)$	$-4 \ \sqrt{154} \ x \left(x^8 - x^6 \left(13 \ y^2 + 23 \ z^2 \right) + x^4 \left(-19 \ y^4 + 387 \ y^2 \ z^2 + 16 \ z^4 \right) + 5 \ x^2 \left(y^6 + 23 \ y^4 \ z^2 - 152 \ y^2 \ z^4 + 8 \ z^6 \right) + 5 \left(2 \ y^8 - 59 \ y^6 \ z^2 + 136 \ y^4 \ z^4 - 24 \ y^2 \ z^6 \right) \right)$
5	$10 \ \sqrt{2002} \ x \ y \ z \left(7 \ x^6 + 11 \ y^6 - 58 \ y^4 \ z^2 + 16 \ y^2 \ z^4 - x^4 \left(23 \ y^2 + 26 \ z^2 \right) + x^2 \left(-19 \ y^4 + 140 \ y^2 \ z^2 - 16 \ z^4 \right) \right)$	$-10 \ \sqrt{2002} \ z \left(x^8 - 2 \ y^8 + 11 \ y^6 \ z^2 - 4 \ y^4 \ z^4 - x^6 \left(19 \ y^2 + 3 \ z^2 \right) + x^4 \left(5 \ y^4 + 85 \ y^2 \ z^2 - 4 \ z^4 \right) + x^2 \left(23 \ y^6 - 125 \ y^4 \ z^2 + 24 \ y^2 \ z^4 \right) \right)$
6	$2 \ \sqrt{429} \ y \left(-15 \ x^8 + 3 \ y^8 - 54 \ y^6 \ z^2 + 28 \ y^4 \ z^4 + 70 \ x^6 \left(y^2 + 3 \ z^2 \right) + 14 \ x^4 \left(2 \ y^4 - 95 \ y^2 \ z^2 + 10 \ z^4 \right) + x^2 \left(-54 \ y^6 + 966 \ y^4 \ z^2 - 280 \ y^2 \ z^4 \right) \right)$	$4 \ \sqrt{429} \ x \left(x^8 - x^6 \left(23 \ y^2 + 13 \ z^2 \right) + 7 \ x^4 \left(3 \ y^4 + 51 \ y^2 \ z^2 - 2 \ z^4 \right) - 5 \ y^4 \left(2 \ y^4 - 35 \ y^2 \ z^2 + 14 \ z^4 \right) + 35 \ x^2 \left(y^6 - 21 \ y^4 \ z^2 + 4 \ y^2 \ z^4 \right) \right)$
7	$-2 \ \sqrt{1430} \ x \ y \ z \left(59 \ x^6 - 77 \ y^6 + 42 \ y^4 \ z^2 - 7 \ x^4 \left(65 \ y^2 - 6 \ z^2 \right) + 7 \ x^2 \left(71 \ y^4 - 20 \ y^2 \ z^2 \right) \right)$	$2 \ \sqrt{1430} \ z \left(7 \ x^8 + 10 \ y^8 - 7 \ y^6 \ z^2 + 7 \ x^6 \left(-31 \ y^2 + z^2 \right) + 35 \ x^4 \left(17 \ y^4 - 3 \ y^2 \ z^2 \right) - 7 \ x^2 \left(37 \ y^6 - 15 \ y^4 \ z^2 \right) \right)$
8	$\sqrt{\frac{715}{2}} \ y \left(73 \ x^8 + 9 \ y^8 - 8 \ y^6 \ z^2 + x^6 \left(-700 \ y^2 + 56 \ z^2 \right) + 14 \ x^4 \left(77 \ y^4 - 20 \ y^2 \ z^2 \right) - 4 \ x^2 \left(79 \ y^6 - 42 \ y^4 \ z^2 \right) \right)$	$-4 \ \sqrt{1430} \ x \left(x^8 + 10 \ y^8 - 7 \ y^6 \ z^2 + x^6 \left(-37 \ y^2 + z^2 \right) + 7 \ x^4 \left(19 \ y^4 - 3 \ y^2 \ z^2 \right) + x^2 \left(-91 \ y^6 + 35 \ y^4 \ z^2 \right) \right)$

n=8 Bz(A8/r^19) :

	Re	Im
-8	$17 \sqrt{\frac{715}{2}} \left(x^8 - 28 x^6 y^2 + 70 x^4 y^4 - 28 x^2 y^6 + y^8 \right) z$	$-68 \sqrt{1430} \ x y \left(x^6 - 7 x^4 y^2 + 7 x^2 y^4 - y^6 \right) z$
-7	$-2 \sqrt{1430} \ x \left(x^6 - 21 x^4 y^2 + 35 x^2 y^4 - 7 y^6 \right) \left(x^2 + y^2 - 16 z^2 \right)$	$-2 \sqrt{1430} \ y \left(-7 x^6 + 35 x^4 y^2 - 21 x^2 y^4 + y^6 \right) \left(x^2 + y^2 - 16 z^2 \right)$
-6	$-10 \sqrt{429} \left(x^6 - 15 x^4 y^2 + 15 x^2 y^4 - y^6 \right) z \left(3 x^2 + 3 y^2 - 14 z^2 \right)$	$20 \sqrt{429} \ x y \left(3 x^4 - 10 x^2 y^2 + 3 y^4 \right) z \left(3 x^2 + 3 y^2 - 14 z^2 \right)$
-5	$2 \sqrt{2002} \ x \left(x^4 - 10 x^2 y^2 + 5 y^4 \right) \left(x^4 + y^4 - 28 y^2 z^2 + 56 z^4 + 2 x^2 \left(y^2 - 14 z^2 \right) \right)$	$-2 \sqrt{2002} \ y \left(5 x^4 - 10 x^2 y^2 + y^4 \right) \left(x^4 + y^4 - 28 y^2 z^2 + 56 z^4 + 2 x^2 \left(y^2 - 14 z^2 \right) \right)$
-4	$65 \sqrt{154} \left(x^4 - 6 x^2 y^2 + y^4 \right) z \left(x^4 + y^4 - 8 y^2 z^2 + 8 z^4 + 2 x^2 \left(y^2 - 4 z^2 \right) \right)$	$-260 \sqrt{154} \ x y \left(x^2 - y^2 \right) z \left(x^4 + y^4 - 8 y^2 z^2 + 8 z^4 + 2 x^2 \left(y^2 - 4 z^2 \right) \right)$
-3	$-2 \sqrt{2310} \ x \left(x^2 - 3 y^2 \right) \left(x^6 + y^6 - 36 y^4 z^2 + 120 y^2 z^4 - 64 z^6 + 3 x^4 \left(y^2 - 12 z^2 \right) + 3 x^2 \left(y^4 - 24 y^2 z^2 + 40 z^4 \right) \right)$	$2 \sqrt{2310} \ y \left(3 x^2 - y^2 \right) \left(x^6 + y^6 - 36 y^4 z^2 + 120 y^2 z^4 - 64 z^6 + 3 x^4 \left(y^2 - 12 z^2 \right) + 3 x^2 \left(y^4 - 24 y^2 z^2 + 40 z^4 \right) \right)$
-2	$-22 \sqrt{35} \left(x^2 - y^2 \right) z \left(7 x^6 + 7 y^6 - 70 y^4 z^2 + 112 y^2 z^4 - 32 z^6 + 7 x^4 \left(3 y^2 - 10 z^2 \right) + 7 x^2 \left(3 y^4 - 20 y^2 z^2 + 16 z^4 \right) \right)$	$44 \sqrt{35} \ x y z \left(7 x^6 + 7 y^6 - 70 y^4 z^2 + 112 y^2 z^4 - 32 z^6 + 7 x^4 \left(3 y^2 - 10 z^2 \right) + 7 x^2 \left(3 y^4 - 20 y^2 z^2 + 16 z^4 \right) \right)$
-1	$10 \sqrt{2} \ x \left(7 x^8 + 7 y^8 - 280 y^6 z^2 + 1120 y^4 z^4 - 896 y^2 z^6 + 128 z^8 + 28 x^6 \left(y^2 - 10 z^2 \right) + 14 x^4 \left(3 y^4 - 60 y^2 z^2 + 80 z^4 \right) + 28 x^2 \left(y^6 - 30 y^4 z^2 + 80 y^2 z^4 - 32 z^6 \right) \right)$	$-10 \sqrt{2} \ y \left(7 x^8 + 7 y^8 - 280 y^6 z^2 + 1120 y^4 z^4 - 896 y^2 z^6 + 128 z^8 + 28 x^6 \left(y^2 - 10 z^2 \right) + 14 x^4 \left(3 y^4 - 60 y^2 z^2 + 80 z^4 \right) + 28 x^2 \left(y^6 - 30 y^4 z^2 + 80 y^2 z^4 - 32 z^6 \right) \right)$
0	$3 z \left(315 x^8 + 315 y^8 - 3360 y^6 z^2 + 6048 y^4 z^4 - 2304 y^2 z^6 + 128 z^8 + 420 x^6 \left(3 y^2 - 8 z^2 \right) + 126 x^4 \left(15 y^4 - 80 y^2 z^2 + 48 z^4 \right) + 36 x^2 \left(35 y^6 - 280 y^4 z^2 + 336 y^2 z^4 - 64 z^6 \right) \right)$	0
1	$-10 \sqrt{2} \ x \left(7 x^8 + 7 y^8 - 280 y^6 z^2 + 1120 y^4 z^4 - 896 y^2 z^6 + 128 z^8 + 28 x^6 \left(y^2 - 10 z^2 \right) + 14 x^4 \left(3 y^4 - 60 y^2 z^2 + 80 z^4 \right) + 28 x^2 \left(y^6 - 30 y^4 z^2 + 80 y^2 z^4 - 32 z^6 \right) \right)$	$-10 \sqrt{2} \ y \left(7 x^8 + 7 y^8 - 280 y^6 z^2 + 1120 y^4 z^4 - 896 y^2 z^6 + 128 z^8 + 28 x^6 \left(y^2 - 10 z^2 \right) + 14 x^4 \left(3 y^4 - 60 y^2 z^2 + 80 z^4 \right) + 28 x^2 \left(y^6 - 30 y^4 z^2 + 80 y^2 z^4 - 32 z^6 \right) \right)$
2	$-22 \sqrt{35} \left(x^2 - y^2 \right) z \left(7 x^6 + 7 y^6 - 70 y^4 z^2 + 112 y^2 z^4 - 32 z^6 + 7 x^4 \left(3 y^2 - 10 z^2 \right) + 7 x^2 \left(3 y^4 - 20 y^2 z^2 + 16 z^4 \right) \right)$	$-44 \sqrt{35} \ x y z \left(7 x^6 + 7 y^6 - 70 y^4 z^2 + 112 y^2 z^4 - 32 z^6 + 7 x^4 \left(3 y^2 - 10 z^2 \right) + 7 x^2 \left(3 y^4 - 20 y^2 z^2 + 16 z^4 \right) \right)$
3	$2 \sqrt{2310} \ x \left(x^2 - 3 y^2 \right) \left(x^6 + y^6 - 36 y^4 z^2 + 120 y^2 z^4 - 64 z^6 + 3 x^4 \left(y^2 - 12 z^2 \right) + 3 x^2 \left(y^4 - 24 y^2 z^2 + 40 z^4 \right) \right)$	$2 \sqrt{2310} \ y \left(3 x^2 - y^2 \right) \left(x^6 + y^6 - 36 y^4 z^2 + 120 y^2 z^4 - 64 z^6 + 3 x^4 \left(y^2 - 12 z^2 \right) + 3 x^2 \left(y^4 - 24 y^2 z^2 + 40 z^4 \right) \right)$
4	$65 \sqrt{154} \left(x^4 - 6 x^2 y^2 + y^4 \right) z \left(x^4 + y^4 - 8 y^2 z^2 + 8 z^4 + 2 x^2 \left(y^2 - 4 z^2 \right) \right)$	$260 \sqrt{154} \ x y \left(x^2 - y^2 \right) z \left(x^4 + y^4 - 8 y^2 z^2 + 8 z^4 + 2 x^2 \left(y^2 - 4 z^2 \right) \right)$
5	$-2 \sqrt{2002} \ x \left(x^4 - 10 x^2 y^2 + 5 y^4 \right) \left(x^4 + y^4 - 28 y^2 z^2 + 56 z^4 + 2 x^2 \left(y^2 - 14 z^2 \right) \right)$	$-2 \sqrt{2002} \ y \left(5 x^4 - 10 x^2 y^2 + y^4 \right) \left(x^4 + y^4 - 28 y^2 z^2 + 56 z^4 + 2 x^2 \left(y^2 - 14 z^2 \right) \right)$
6	$-10 \sqrt{429} \left(x^6 - 15 x^4 y^2 + 15 x^2 y^4 - y^6 \right) z \left(3 x^2 + 3 y^2 - 14 z^2 \right)$	$-20 \sqrt{429} \ x y \left(3 x^4 - 10 x^2 y^2 + 3 y^4 \right) z \left(3 x^2 + 3 y^2 - 14 z^2 \right)$
7	$2 \sqrt{1430} \ x \left(x^6 - 21 x^4 y^2 + 35 x^2 y^4 - 7 y^6 \right) \left(x^2 + y^2 - 16 z^2 \right)$	$-2 \sqrt{1430} \ y \left(-7 x^6 + 35 x^4 y^2 - 21 x^2 y^4 + y^6 \right) \left(x^2 + y^2 - 16 z^2 \right)$
8	$17 \sqrt{\frac{715}{2}} \left(x^8 - 28 x^6 y^2 + 70 x^4 y^4 - 28 x^2 y^6 + y^8 \right) z$	$68 \sqrt{1430} \ x y \left(x^6 - 7 x^4 y^2 + 7 x^2 y^4 - y^6 \right) z$

n=9 Bx(A9/r^21) :

	Re	Im
-9	$-9 \sqrt{\frac{2431}{2}} \left(10 x^{10} - 9 y^8 \left(y^2 + z^2 \right) + 252 x^6 y^2 \left(8 y^2 + z^2 \right) - 9 x^8 \left(49 y^2 + z^2 \right) - 42 x^4 \left(47 y^6 + 15 y^4 z^2 \right) + 18 x^2 \left(23 y^8 + 14 y^6 z^2 \right) \right)$	$\sqrt{\frac{2431}{2}} x y \left(-99 x^8 - 91 y^8 - 72 y^6 z^2 + 12 x^6 \left(97 y^2 + 6 z^2 \right) - 126 x^4 \left(19 y^4 + 4 y^2 z^2 \right) + 36 x^2 \left(31 y^6 + 14 y^4 z^2 \right) \right)$
-8	$-8 \sqrt{2431} x z \left(11 x^8 + 75 y^8 + 56 y^6 z^2 - 4 x^6 \left(93 y^2 + 2 z^2 \right) + 42 x^4 \left(29 y^4 + 4 y^2 z^2 \right) - 28 x^2 \left(27 y^6 + 10 y^4 z^2 \right) \right)$	$-24 \sqrt{2431} y z \left(12 x^8 + y^6 \left(y^2 + z^2 \right) - 7 x^6 \left(15 y^2 + z^2 \right) + 7 x^4 \left(21 y^4 + 5 y^2 z^2 \right) - 3 x^2 \left(13 y^6 + 7 y^4 z^2 \right) \right)$
-7	$-3 \sqrt{\frac{143}{2}} \left(10 x^{10} - 3 x^8 \left(83 y^2 + 67 z^2 \right) + 7 y^6 \left(y^4 - 15 y^2 z^2 - 16 z^4 \right) + 28 x^6 \left(12 y^4 + 177 y^2 z^2 + 4 z^4 \right) + 42 x^4 \left(9 y^6 - 255 y^4 z^2 - 40 y^2 z^4 \right) - 42 x^2 \left(5 y^8 - 86 y^6 z^2 - 40 y^4 z^4 \right) \right)$	$3 \sqrt{\frac{143}{2}} x y \left(77 x^8 - 59 y^8 + 936 y^6 z^2 + 672 y^4 z^4 - 84 x^6 \left(5 y^2 + 18 z^2 \right) - 42 x^4 \left(y^4 - 220 y^2 z^2 - 16 z^4 \right) + 4 x^2 \left(99 y^6 - 1974 y^4 z^2 - 560 y^2 z^4 \right) \right)$
-6	$-2 \sqrt{858} x z \left(33 x^8 - 141 y^8 + 602 y^6 z^2 + 420 y^4 z^4 - 2 x^6 \left(285 y^2 + 103 z^2 \right) + 42 x^4 \left(6 y^4 + 83 y^2 z^2 + 2 z^4 \right) + 42 x^2 \left(17 y^6 - 105 y^4 z^2 - 20 y^2 z^4 \right) \right)$	$4 \sqrt{858} y z \left(108 x^8 - 9 y^8 + 33 y^6 z^2 + 42 y^4 z^4 - 21 x^6 \left(17 y^2 + 31 z^2 \right) - 7 x^4 \left(33 y^4 - 365 y^2 z^2 - 30 z^4 \right) + 3 x^2 \left(75 y^6 - 371 y^4 z^2 - 140 y^2 z^4 \right) \right)$
-5	$3 \sqrt{1430} \left(2 x^{10} - 3 x^8 \left(7 y^2 + 23 z^2 \right) - 28 x^6 \left(y^4 - 27 y^2 z^2 - 7 z^4 \right) + 14 x^4 \left(y^6 + 15 y^4 z^2 - 150 y^2 z^4 - 4 z^6 \right) - y^4 \left(y^6 - 27 y^4 z^2 + 28 y^2 z^4 + 56 z^6 \right) + 6 x^2 \left(3 y^8 - 98 y^6 z^2 + 210 y^4 z^4 + 56 y^2 z^6 \right) \right)$	$-3 \sqrt{1430} x y \left(11 x^8 + 7 y^8 - 204 y^6 z^2 + 336 y^4 z^4 + 224 y^2 z^6 - 4 x^6 \left(2 y^2 + 93 z^2 \right) - 42 x^4 \left(y^4 - 14 y^2 z^2 - 24 z^4 \right) - 4 x^2 \left(4 y^6 - 189 y^4 z^2 + 560 y^2 z^4 + 56 y^2 z^6 \right) \right)$
-4	$-4 \sqrt{1001} x z \left(11 x^8 + 27 y^8 - 224 y^6 z^2 + 168 y^4 z^4 + 96 y^2 z^6 - 4 x^6 \left(15 y^2 + 28 z^2 \right) - 42 x^4 \left(3 y^4 - 16 y^2 z^2 - 4 z^4 \right) - 4 x^2 \left(7 y^6 - 140 y^4 z^2 + 252 y^2 z^4 + 8 z^6 \right) \right)$	$-24 \sqrt{1001} y z \left(12 x^8 + y^6 - 7 y^6 z^2 + 8 y^2 z^6 + 7 x^6 \left(y^2 - 17 z^2 \right) - 7 x^4 \left(3 y^4 - 5 y^2 z^2 - 24 z^4 \right) - 3 x^2 \left(5 y^6 - 49 y^4 z^2 + 56 y^2 z^4 + 8 z^6 \right) \right)$
-3	$-3 \sqrt{462} \left(-10 x^{10} + 9 x^8 \left(y^2 + 49 z^2 \right) + 84 x^6 \left(y^4 - 9 y^2 z^2 - 23 z^4 \right) + 14 x^4 \left(7 y^6 - 195 y^4 z^2 + 330 y^2 z^4 + 116 z^6 \right) - 3 y^2 \left(y^8 - 35 y^6 z^2 + 84 y^4 z^4 + 56 y^2 z^6 - 64 z^8 \right) + 6 x^2 \left(5 y^8 - 238 y^6 z^2 + 1050 y^4 z^4 - 728 y^2 z^6 - 32 z^8 \right) \right)$	$\sqrt{462} x y \left(33 x^8 - 19 y^8 + 756 y^6 z^2 - 2688 y^4 z^4 + 1120 y^2 z^6 + 384 z^8 + 4 x^6 \left(20 y^2 - 357 z^2 \right) + 42 x^4 \left(y^4 - 50 y^2 z^2 + 144 z^4 \right) - 12 x^2 \left(2 y^6 - 7 y^4 z^2 - 280 y^2 z^4 + 392 z^6 \right) \right)$
-2	$-2 \sqrt{22} x z \left(77 x^8 - 105 y^8 + 1218 y^6 z^2 - 2268 y^4 z^4 + 672 y^2 z^6 + 64 z^8 + 42 x^6 \left(3 y^2 - 23 z^2 \right) - 42 x^4 \left(2 y^4 + 17 y^2 z^2 - 50 z^4 \right) - 2 x^2 \left(119 y^6 - 735 y^4 z^2 + 84 y^2 z^4 + 496 z^6 \right) \right)$	$12 \sqrt{22} y z \left(84 x^8 - 7 y^8 + 63 y^6 z^2 - 42 y^4 z^4 - 80 y^2 z^6 + 32 z^8 + 49 x^6 \left(5 y^2 - 21 z^2 \right) + 21 x^4 \left(11 y^4 - 95 y^2 z^2 + 102 z^4 \right) + 3 x^2 \left(21 y^6 - 301 y^4 z^2 + 700 y^2 z^4 - 304 z^6 \right) \right)$
-1	$-1 \left(3 \left(70 x^{10} - 7 y^{10} + 273 y^8 z^2 - 840 y^6 z^4 - 224 y^4 z^6 + 768 y^2 z^8 - 128 z^{10} + 21 x^8 \left(13 y^2 - 163 z^2 \right) + 196 x^6 \left(2 y^4 - 51 y^2 z^2 + 90 z^4 \right) + 14 x^4 \left(17 y^6 - 675 y^4 z^2 + 2460 y^2 z^4 - 1424 z^6 \right) + 6 x^2 \left(7 y^8 - 434 y^6 z^2 + 2660 y^4 z^4 - 3360 y^2 z^6 + 832 z^8 \right) \right)$	$-33 x y \left(7 x^8 + 7 y^8 - 336 y^6 z^2 + 1680 y^4 z^4 - 1792 y^2 z^6 + 384 z^8 + 28 x^6 \left(y^2 - 12 z^2 \right) + 42 x^4 \left(y^4 - 24 y^2 z^2 + 40 z^4 \right) + 28 x^2 \left(y^6 - 36 y^4 z^2 + 120 y^2 z^4 - 64 z^6 \right) \right)$
0	$11 \sqrt{10} x z \left(63 x^8 + 63 y^8 - 840 y^6 z^2 + 2016 y^4 z^4 - 1152 y^2 z^6 + 128 z^8 + 84 x^6 \left(3 y^2 - 10 z^2 \right) + 126 x^4 \left(3 y^4 - 20 y^2 z^2 + 16 z^4 \right) + 36 x^2 \left(7 y^6 - 70 y^4 z^2 + 112 y^2 z^4 - 32 z^6 \right) \right)$	0
1	$-3 \left(70 x^{10} - 7 y^{10} + 273 y^8 z^2 - 840 y^6 z^4 - 224 y^4 z^6 + 768 y^2 z^8 - 128 z^{10} + 21 x^8 \left(13 y^2 - 163 z^2 \right) + 196 x^6 \left(2 y^4 - 51 y^2 z^2 + 90 z^4 \right) + 14 x^4 \left(17 y^6 - 675 y^4 z^2 + 2460 y^2 z^4 - 1424 z^6 \right) + 6 x^2 \left(7 y^8 - 434 y^6 z^2 + 2660 y^4 z^4 - 3360 y^2 z^6 + 832 z^8 \right) \right)$	$-33 x y \left(7 x^8 + 7 y^8 - 336 y^6 z^2 + 1680 y^4 z^4 - 1792 y^2 z^6 + 384 z^8 + 28 x^6 \left(y^2 - 12 z^2 \right) + 42 x^4 \left(y^4 - 24 y^2 z^2 + 40 z^4 \right) + 28 x^2 \left(y^6 - 36 y^4 z^2 + 120 y^2 z^4 - 64 z^6 \right) \right)$
2	$-6 \sqrt{22} x z \left(77 x^8 - 105 y^8 + 1218 y^6 z^2 - 2268 y^4 z^4 + 672 y^2 z^6 + 64 z^8 + 42 x^6 \left(3 y^2 - 23 z^2 \right) - 42 x^4 \left(2 y^4 + 17 y^2 z^2 - 50 z^4 \right) - 2 x^2 \left(119 y^6 - 735 y^4 z^2 + 84 y^2 z^4 + 496 z^6 \right) \right)$	$-12 \sqrt{22} y z \left(84 x^8 - 7 y^8 + 63 y^6 z^2 - 42 y^4 z^4 - 80 y^2 z^6 + 32 z^8 + 49 x^6 \left(5 y^2 - 21 z^2 \right) + 21 x^4 \left(11 y^4 - 95 y^2 z^2 + 102 z^4 \right) + 3 x^2 \left(21 y^6 - 301 y^4 z^2 + 700 y^2 z^4 - 304 z^6 \right) \right)$
3	$\sqrt{462} \left(10 x^{10} - 9 x^8 \left(y^2 + 49 z^2 \right) - 84 x^6 \left(y^4 - 9 y^2 z^2 - 23 z^4 \right) - 14 x^4 \left(7 y^6 - 195 y^4 z^2 + 330 y^2 z^4 + 116 z^6 \right) + 3 y^2 \left(y^8 - 35 y^6 z^2 + 84 y^4 z^4 + 56 y^2 z^6 - 64 z^8 \right) - 6 x^2 \left(5 y^8 - 238 y^6 z^2 + 1050 y^4 z^4 - 728 y^2 z^6 - 32 z^8 \right) \right)$	$\sqrt{462} x y \left(33 x^8 - 19 y^8 + 756 y^6 z^2 - 2688 y^4 z^4 + 1120 y^2 z^6 + 384 z^8 + 4 x^6 \left(20 y^2 - 357 z^2 \right) + 42 x^4 \left(y^4 - 50 y^2 z^2 + 144 z^4 \right) - 12 x^2 \left(2 y^6 - 7 y^4 z^2 - 280 y^2 z^4 + 392 z^6 \right) \right)$
4	$6 \sqrt{1001} x z \left(11 x^8 + 27 y^8 - 224 y^6 z^2 + 168 y^4 z^4 + 96 y^2 z^6 - 4 x^6 \left(15 y^2 + 28 z^2 \right) - 42 x^4 \left(3 y^4 - 16 y^2 z^2 - 4 z^4 \right) - 4 x^2 \left(7 y^6 - 140 y^4 z^2 + 252 y^2 z^4 + 8 z^6 \right) \right)$	$24 \sqrt{1001} y z \left(12 x^8 + y^8 - 7 y^6 z^2 + 8 y^2 z^6 + 7 x^6 \left(y^2 - 17 z^2 \right) - 7 x^4 \left(3 y^4 - 5 y^2 z^2 - 24 z^4 \right) - 3 x^2 \left(5 y^6 - 49 y^4 z^2 + 56 y^2 z^4 + 8 z^6 \right) \right)$
5	$-3 \sqrt{1430} \left(2 x^{10} - 3 x^8 \left(7 y^2 + 23 z^2 \right) - 28 x^6 \left(y^4 - 27 y^2 z^2 - 7 z^4 \right) + 14 x^4 \left(y^6 + 15 y^4 z^2 - 150 y^2 z^4 - 4 z^6 \right) - y^4 \left(y^6 - 27 y^4 z^2 + 28 y^2 z^4 + 56 z^6 \right) + 6 x^2 \left(3 y^8 - 98 y^6 z^2 + 210 y^4 z^4 + 56 y^2 z^6 \right) \right)$	$-3 \sqrt{1430} x y \left(11 x^8 + 7 y^8 - 204 y^6 z^2 + 336 y^4 z^4 + 224 y^2 z^6 - 4 x^6 \left(2 y^2 + 93 z^2 \right) - 42 x^4 \left(y^4 - 14 y^2 z^2 - 24 z^4 \right) - 4 x^2 \left(4 y^6 - 189 y^4 z^2 + 560 y^2 z^4 + 56 y^2 z^6 \right) \right)$
6	$-2 \sqrt{858} x z \left(33 x^8 - 141 y^8 + 602 y^6 z^2 + 420 y^4 z^4 - 2 x^6 \left(285 y^2 + 103 z^2 \right) + 42 x^4 \left(6 y^4 + 83 y^2 z^2 + 2 z^4 \right) + 42 x^2 \left(17 y^6 - 105 y^4 z^2 - 20 y^2 z^4 \right) \right)$	$-4 \sqrt{858} y z \left(108 x^8 - 9 y^8 + 33 y^6 z^2 + 42 y^4 z^4 - 21 x^6 \left(17 y^2 + 31 z^2 \right) - 7 x^4 \left(33 y^4 - 365 y^2 z^2 - 30 z^4 \right) + 3 x^2 \left(75 y^6 - 371 y^4 z^2 - 140 y^2 z^4 \right) \right)$
7	$3 \sqrt{\frac{143}{2}} \left(10 x^{10} - 3 x^8 \left(83 y^2 + 67 z^2 \right) + 7 y^6 \left(y^4 - 15 y^2 z^2 - 16 z^4 \right) + 28 x^6 \left(12 y^4 + 177 y^2 z^2 + 4 z^4 \right) + 42 x^4 \left(9 y^6 - 255 y^4 z^2 - 40 y^2 z^4 \right) - 42 x^2 \left(5 y^8 - 86 y^6 z^2 - 40 y^4 z^4 \right) \right)$	$3 \sqrt{\frac{143}{2}} x y \left(77 x^8 - 59 y^8 + 936 y^6 z^2 + 672 y^4 z^4 - 84 x^6 \left(5 y^2 + 18 z^2 \right) - 42 x^4 \left(y^4 - 220 y^2 z^2 - 16 z^4 \right) + 4 x^2 \left(99 y^6 - 1974 y^4 z^2 - 560 y^2 z^4 \right) \right)$
8	$8 \sqrt{2431} x z \left(11 x^8 + 75 y^8 + 56 y^6 z^2 - 4 x^6 \left(93 y^2 + 2 z^2 \right) + 42 x^4 \left(29 y^4 + 4 y^2 z^2 \right) - 28 x^2 \left(27 y^6 + 10 y^4 z^2 \right) \right)$	$24 \sqrt{2431} y z \left(12 x^8 + y^6 \left(y^2 + z^2 \right) - 7 x^6 \left(15 y^2 + z^2 \right) + 7 x^4 \left(21 y^4 + 5 y^2 z^2 \right) - 3 x^2 \left(13 y^6 + 7 y^4 z^2 \right) \right)$
9	$9 \sqrt{\frac{2431}{2}} \left(-10 x^{10} + 9 y^8 \left(y^2 + z^2 \right) - 252 x^6 y^2 \left(8 y^2 + z^2 \right) + 9 x^8 \left(49 y^2 + z^2 \right) + 42 x^4 \left(47 y^6 + 15 y^4 z^2 \right) - 18 x^2 \left(23 y^8 + 14 y^6 z^2 \right) \right)$	$\sqrt{\frac{2431}{2}} x y \left(-99 x^8 - 91 y^8 - 72 y^6 z^2 + 12 x^6 \left(97 y^2 + 6 z^2 \right) - 126 x^4 \left(19 y^4 + 4 y^2 z^2 \right) + 36 x^2 \left(31 y^6 + 14 y^4 z^2 \right) \right)$

n=9 By (A9/r^*21):

	Re	Im
-9	$\sqrt{\frac{2431}{2}} \ x \ y \ (91 \ x^8 + 99 \ y^8 - 72 \ y^6 \ z^2 - 36 \ x^6 \ (31 \ y^2 - 2 \ z^2) + 126 \ x^4 \ (19 \ y^4 - 4 \ y^2 \ z^2) - 12 \ x^2 \ (97 \ y^6 - 42 \ y^4 \ z^2))$	$\sqrt{\frac{2431}{2}} \ (9 \ x^{10} - 10 \ y^{10} + 9 \ y^8 \ z^2 + 9 \ x^8 \ (-46 \ y^2 + z^2) + 42 \ x^6 \ (47 \ y^4 - 6 \ y^2 \ z^2) - 126 \ x^4 \ (16 \ y^6 - 5 \ y^4 \ z^2) + 63 \ x^2 \ (7 \ y^8 - 4 \ y^6 \ z^2))$
-8	$3 \sqrt{2431} \ y \ z \ (75 \ x^8 + 11 \ y^8 - 8 \ y^6 \ z^2 + x^6 \ (-756 \ y^2 + 56 \ z^2) + 14 \ x^4 \ (87 \ y^4 - 20 \ y^2 \ z^2) + x^2 \ (-372 \ y^6 + 168 \ y^4 \ z^2))$	$24 \sqrt{2431} \ x \ z \ (x^8 + 12 \ y^8 - 7 \ y^6 \ z^2 + x^6 \ (-39 \ y^2 + z^2) + 21 \ x^4 \ (7 \ y^4 - y^2 \ z^2) - 35 \ x^2 \ (3 \ y^6 - y^4 \ z^2))$
-7	$-3 \sqrt{\frac{143}{2}} \ x \ y \ (59 \ x^8 - 36 \ x^6 \ (11 \ y^2 + 26 \ z^2) + 42 \ x^4 \ (y^4 + 188 \ y^2 \ z^2 - 16 \ z^4) - 7 \ y^4 \ (11 \ y^4 - 216 \ y^2 \ z^2 + 96 \ z^4) + 140 \ x^2 \ (3 \ y^6 - 66 \ y^4 \ z^2 + 16 \ y^2 \ z^4))$	$-3 \sqrt{\frac{143}{2}} \ (7 \ x^{10} - 105 \ x^8 \ (2 \ y^2 + z^2) + 14 \ x^6 \ (27 \ y^4 + 258 \ y^2 \ z^2 - 8 \ z^4) + y^6 \ (10 \ y^4 - 201 \ y^2 \ z^2 + 112 \ z^4) + 42 \ x^4 \ (8 \ y^6 - 255 \ y^4 \ z^2 + 40 \ y^2 \ z^4) - 3 \ x^2 \ (83 \ y^8 - 1652 \ y^6 \ z^2 + 560 \ y^4 \ z^4))$
-6	$2 \sqrt{858} \ y \ z \ (-141 \ x^8 + 33 \ y^8 - 206 \ y^6 \ z^2 + 84 \ y^4 \ z^4 + 14 \ x^6 \ (51 \ y^2 + 43 \ z^2) + 42 \ x^4 \ (6 \ y^4 - 105 \ y^2 \ z^2 + 10 \ z^4) - 6 \ x^2 \ (95 \ y^6 - 581 \ y^4 \ z^2 + 140 \ y^2 \ z^4))$	$-4 \sqrt{858} \ x \ z \ (9 \ x^8 - 3 \ x^6 \ (75 \ y^2 + 11 \ z^2) + 21 \ x^4 \ (11 \ y^4 + 53 \ y^2 \ z^2 - 2 \ z^4) - 3 \ y^4 \ (36 \ y^4 - 217 \ y^2 \ z^2 + 70 \ z^4) + 7 \ x^2 \ (51 \ y^6 - 365 \ y^4 \ z^2 + 60 \ y^2 \ z^4))$
-5	$3 \sqrt{1430} \ x \ y \ (7 \ x^8 + 11 \ y^8 - 372 \ y^6 \ z^2 + 1008 \ y^4 \ z^4 - 224 \ y^2 \ z^6 - 4 \ x^6 \ (4 \ y^2 + 51 \ z^2) - 42 \ x^4 \ (y^4 - 18 \ y^2 \ z^2 - 8 \ z^4) - 4 \ x^2 \ (2 \ y^6 - 147 \ y^4 \ z^2 + 560 \ y^2 \ z^4 - 56 \ z^6))$	$3 \sqrt{1430} \ (x^{10} - 2 \ y^{10} + 69 \ y^8 \ z^2 - 196 \ y^6 \ z^4 + 56 \ y^4 \ z^6 - 9 \ x^8 \ (2 \ y^2 + 3 \ z^2) - 14 \ x^6 \ (y^4 - 42 \ y^2 \ z^2 - 2 \ z^4) + 14 \ x^4 \ (2 \ y^6 - 15 \ y^4 \ z^2 - 90 \ y^2 \ z^4 + 4 \ z^6) + 21 \ x^2 \ (y^8 - 36 \ y^6 \ z^2 + 100 \ y^4 \ z^4 - 16 \ y^2 \ z^6))$
-4	$6 \sqrt{1001} \ y \ z \ (27 \ x^8 + 11 \ y^8 - 112 \ y^6 \ z^2 + 168 \ y^4 \ z^4 - 32 \ y^2 \ z^6 - 28 \ x^6 \ (y^2 + 8 \ z^2) - 14 \ x^4 \ (9 \ y^4 - 40 \ y^2 \ z^2 - 12 \ z^4) - 12 \ x^2 \ (5 \ y^6 - 56 \ y^4 \ z^2 + 84 \ y^2 \ z^4 - 8 \ z^6))$	$24 \sqrt{1001} \ x \ z \ (x^8 + 12 \ y^8 - 119 \ y^6 \ z^2 + 168 \ y^4 \ z^4 - 24 \ y^2 \ z^6 - x^6 \ (15 \ y^2 + 7 \ z^2) - 21 \ x^4 \ (y^4 - 7 \ y^2 \ z^2) + x^2 \ (7 \ y^6 + 35 \ y^4 \ z^2 - 168 \ y^2 \ z^4 + 8 \ z^6))$
-3	$\sqrt{462} \ x \ y \ (-19 \ x^8 + 33 \ y^8 - 1428 \ y^6 \ z^2 + 6048 \ y^4 \ z^4 - 4704 \ y^2 \ z^6 + 384 \ z^8 + x^8 \ (-24 \ y^2 + 756 \ z^2) + 42 \ x^4 \ (y^4 + 2 \ y^2 \ z^2 - 64 \ z^4) + 20 \ x^2 \ (4 \ y^6 - 105 \ y^4 \ z^2 + 168 \ y^2 \ z^4 + 56 \ z^6))$	$\sqrt{462} \ (-3 \ x^{10} - 10 \ y^{10} + 441 \ y^8 \ z^2 - 1932 \ y^6 \ z^4 + 1624 \ y^4 \ z^6 - 192 \ y^2 \ z^8 + 15 \ x^8 \ (2 \ y^2 + 7 \ z^2) + 14 \ x^6 \ (7 \ y^4 - 102 \ y^2 \ z^2 - 18 \ z^4) + 42 \ x^4 \ (2 \ y^6 - 65 \ y^4 \ z^2 + 150 \ y^2 \ z^4 - 4 \ z^6) + 3 \ x^2 \ (3 \ y^8 - 252 \ y^6 \ z^2 + 1540 \ y^4 \ z^4 - 1456 \ y^2 \ z^6 + 64 \ z^8))$
-2	$-6 \sqrt{22} \ y \ z \ (105 \ x^8 - 77 \ y^8 + 966 \ y^6 \ z^2 - 2100 \ y^4 \ z^4 + 992 \ y^2 \ z^6 - 64 \ z^8 + 14 \ x^6 \ (17 \ y^2 - 87 \ z^2) + 42 \ x^4 \ (2 \ y^4 - 35 \ y^2 \ z^2 + 54 \ z^4) - 42 \ x^2 \ (3 \ y^6 - 17 \ y^4 \ z^2 - 4 \ y^2 \ z^4 + 16 \ z^6))$	$-12 \sqrt{22} \ x \ z \ (7 \ x^8 - 84 \ y^8 + 1029 \ y^6 \ z^2 - 2142 \ y^4 \ z^4 + 912 \ y^2 \ z^6 - 32 \ z^8 - 63 \ x^6 \ (y^2 + z^2) + x^4 \ (-231 \ y^4 + 903 \ y^2 \ z^2 + 42 \ z^4) - 5 \ x^2 \ (49 \ y^6 - 399 \ y^4 \ z^2 + 420 \ y^2 \ z^4 - 16 \ z^6))$
-1	$33 \ x \ y \ (7 \ x^8 + 7 \ y^8 - 336 \ y^6 \ z^2 + 1680 \ y^4 \ z^4 - 1792 \ y^2 \ z^6 + 384 \ z^8 + 28 \ x^6 \ (y^2 - 12 \ z^2) + 42 \ x^4 \ (y^4 - 24 \ y^2 \ z^2 + 40 \ z^4) + 28 \ x^2 \ (y^6 - 36 \ y^4 \ z^2 + 120 \ y^2 \ z^4 - 64 \ z^6))$	$3 \ (7 \ x^{10} - 70 \ y^{10} + 3423 \ y^8 \ z^2 - 17640 \ y^6 \ z^4 + 19936 \ y^4 \ z^6 - 4992 \ y^2 \ z^8 + 128 \ z^{10} - 21 \ x^8 \ (2 \ y^2 + 13 \ z^2) + x^6 \ (-238 \ y^4 + 2604 \ y^2 \ z^2 + 840 \ z^4) - 14 \ x^4 \ (28 \ y^6 - 675 \ y^4 \ z^2 + 1140 \ y^2 \ z^4 - 16 \ z^6) - 3 \ x^2 \ (91 \ y^8 - 3332 \ y^6 \ z^2 + 11480 \ y^4 \ z^4 - 6720 \ y^2 \ z^6 + 256 \ z^8))$
0	$11 \sqrt{10} \ y \ z \ (63 \ x^8 + 63 \ y^8 - 840 \ y^6 \ z^2 + 2016 \ y^4 \ z^4 - 1152 \ y^2 \ z^6 + 128 \ z^8 + 84 \ x^6 \ (3 \ y^2 - 10 \ z^2) + 126 \ x^4 \ (3 \ y^4 - 20 \ y^2 \ z^2 + 16 \ z^4) + 36 \ x^2 \ (7 \ y^6 - 70 \ y^4 \ z^2 + 112 \ y^2 \ z^4 - 32 \ z^6))$	0
1	$-33 \ x \ y \ (7 \ x^8 + 7 \ y^8 - 336 \ y^6 \ z^2 + 1680 \ y^4 \ z^4 - 1792 \ y^2 \ z^6 + 384 \ z^8 + 28 \ x^6 \ (y^2 - 12 \ z^2) + 42 \ x^4 \ (y^4 - 24 \ y^2 \ z^2 + 40 \ z^4) + 28 \ x^2 \ (y^6 - 36 \ y^4 \ z^2 + 120 \ y^2 \ z^4 - 64 \ z^6))$	$3 \ (7 \ x^{10} - 70 \ y^{10} + 3423 \ y^8 \ z^2 - 17640 \ y^6 \ z^4 + 19936 \ y^4 \ z^6 - 4992 \ y^2 \ z^8 + 128 \ z^{10} - 21 \ x^8 \ (2 \ y^2 + 13 \ z^2) + x^6 \ (-238 \ y^4 + 2604 \ y^2 \ z^2 + 840 \ z^4) - 14 \ x^4 \ (28 \ y^6 - 675 \ y^4 \ z^2 + 1140 \ y^2 \ z^4 - 16 \ z^6) - 3 \ x^2 \ (91 \ y^8 - 3332 \ y^6 \ z^2 + 11480 \ y^4 \ z^4 - 6720 \ y^2 \ z^6 + 256 \ z^8))$
2	$-6 \sqrt{22} \ y \ z \ (105 \ x^8 - 77 \ y^8 + 966 \ y^6 \ z^2 - 2100 \ y^4 \ z^4 + 992 \ y^2 \ z^6 - 64 \ z^8 + 14 \ x^6 \ (17 \ y^2 - 87 \ z^2) + 42 \ x^4 \ (2 \ y^4 - 35 \ y^2 \ z^2 + 54 \ z^4) - 42 \ x^2 \ (3 \ y^6 - 17 \ y^4 \ z^2 - 4 \ y^2 \ z^4 + 16 \ z^6))$	$12 \sqrt{22} \ x \ z \ (7 \ x^8 - 84 \ y^8 + 1029 \ y^6 \ z^2 - 2142 \ y^4 \ z^4 + 912 \ y^2 \ z^6 - 32 \ z^8 - 63 \ x^6 \ (y^2 + z^2) + x^4 \ (-231 \ y^4 + 903 \ y^2 \ z^2 + 42 \ z^4) - 5 \ x^2 \ (49 \ y^6 - 399 \ y^4 \ z^2 + 420 \ y^2 \ z^4 - 16 \ z^6))$
3	$\sqrt{462} \ x \ y \ (19 \ x^8 - 33 \ y^8 + 1428 \ y^6 \ z^2 - 6048 \ y^4 \ z^4 + 4704 \ y^2 \ z^6 - 384 \ z^8 + 12 \ x^6 \ (2 \ y^2 - 63 \ z^2) - 42 \ x^4 \ (y^4 + 2 \ y^2 \ z^2 - 64 \ z^4) - 20 \ x^2 \ (4 \ y^6 - 105 \ y^4 \ z^2 + 168 \ y^2 \ z^4 + 56 \ z^6))$	$\sqrt{462} \ (-3 \ x^{10} - 10 \ y^{10} + 441 \ y^8 \ z^2 - 1932 \ y^6 \ z^4 + 1624 \ y^4 \ z^6 - 192 \ y^2 \ z^8 + 15 \ x^8 \ (2 \ y^2 + 7 \ z^2) + 14 \ x^6 \ (7 \ y^4 - 102 \ y^2 \ z^2 - 18 \ z^4) + 42 \ x^4 \ (2 \ y^6 - 65 \ y^4 \ z^2 + 150 \ y^2 \ z^4 - 4 \ z^6) + 3 \ x^2 \ (3 \ y^8 - 252 \ y^6 \ z^2 + 1540 \ y^4 \ z^4 - 1456 \ y^2 \ z^6 + 64 \ z^8))$
4	$6 \sqrt{1001} \ y \ z \ (27 \ x^8 + 11 \ y^8 - 112 \ y^6 \ z^2 + 168 \ y^4 \ z^4 - 32 \ y^2 \ z^6 - 28 \ x^6 \ (y^2 + 8 \ z^2) - 14 \ x^4 \ (9 \ y^4 - 40 \ y^2 \ z^2 - 12 \ z^4) - 12 \ x^2 \ (5 \ y^6 - 56 \ y^4 \ z^2 + 84 \ y^2 \ z^4 - 8 \ z^6))$	$-24 \sqrt{1001} \ x \ z \ (x^8 + 12 \ y^8 - 119 \ y^6 \ z^2 + 168 \ y^4 \ z^4 - 24 \ y^2 \ z^6 - x^6 \ (15 \ y^2 + 7 \ z^2) - 21 \ x^4 \ (y^4 - 7 \ y^2 \ z^2) + x^2 \ (7 \ y^6 + 35 \ y^4 \ z^2 - 168 \ y^2 \ z^4 + 8 \ z^6))$
5	$-3 \sqrt{1430} \ x \ y \ (7 \ x^8 + 11 \ y^8 - 372 \ y^6 \ z^2 + 1008 \ y^4 \ z^4 - 224 \ y^2 \ z^6 - 4 \ x^6 \ (4 \ y^2 + 51 \ z^2) - 42 \ x^4 \ (y^4 - 18 \ y^2 \ z^2 - 8 \ z^4) - 4 \ x^2 \ (2 \ y^6 - 147 \ y^4 \ z^2 + 560 \ y^2 \ z^4 - 56 \ z^6))$	$3 \sqrt{1430} \ (x^{10} - 2 \ y^{10} + 69 \ y^8 \ z^2 - 196 \ y^6 \ z^4 + 56 \ y^4 \ z^6 - 9 \ x^8 \ (2 \ y^2 + 3 \ z^2) - 14 \ x^6 \ (y^4 - 42 \ y^2 \ z^2 - 2 \ z^4) + 14 \ x^4 \ (2 \ y^6 - 15 \ y^4 \ z^2 - 90 \ y^2 \ z^4 + 4 \ z^6) + 21 \ x^2 \ (y^8 - 36 \ y^6 \ z^2 + 100 \ y^4 \ z^4 - 16 \ y^2 \ z^6))$
6	$2 \sqrt{858} \ y \ z \ (-141 \ x^8 + 33 \ y^8 - 206 \ y^6 \ z^2 + 84 \ y^4 \ z^4 + 14 \ x^6 \ (51 \ y^2 + 43 \ z^2) + 42 \ x^4 \ (6 \ y^4 - 105 \ y^2 \ z^2 + 10 \ z^4) - 6 \ x^2 \ (95 \ y^6 - 581 \ y^4 \ z^2 + 140 \ y^2 \ z^4))$	$4 \sqrt{858} \ x \ z \ (9 \ x^8 - 3 \ x^6 \ (75 \ y^2 + 11 \ z^2) + 21 \ x^4 \ (11 \ y^4 + 53 \ y^2 \ z^2 - 2 \ z^4) - 3 \ y^4 \ (36 \ y^4 - 217 \ y^2 \ z^2 + 70 \ z^4) + 7 \ x^2 \ (51 \ y^6 - 365 \ y^4 \ z^2 + 60 \ y^2 \ z^4))$
7	$3 \sqrt{\frac{143}{2}} \ x \ y \ (59 \ x^8 - 36 \ x^6 \ (11 \ y^2 + 26 \ z^2) + 42 \ x^4 \ (y^4 + 188 \ y^2 \ z^2 - 16 \ z^4) - 7 \ y^4 \ (11 \ y^4 - 216 \ y^2 \ z^2 + 96 \ z^4) + 140 \ x^2 \ (3 \ y^6 - 66 \ y^4 \ z^2 + 16 \ y^2 \ z^4))$	$-3 \sqrt{\frac{143}{2}} \ (7 \ x^{10} - 105 \ x^8 \ (2 \ y^2 + z^2) + 14 \ x^6 \ (27 \ y^4 + 258 \ y^2 \ z^2 - 8 \ z^4) + y^6 \ (10 \ y^4 - 201 \ y^2 \ z^2 + 112 \ z^4) + 42 \ x^4 \ (8 \ y^6 - 255 \ y^4 \ z^2 + 40 \ y^2 \ z^4) - 3 \ x^2 \ (83 \ y^8 - 1652 \ y^6 \ z^2 + 560 \ y^4 \ z^4))$
8	$3 \sqrt{2431} \ y \ z \ (75 \ x^8 + 11 \ y^8 - 8 \ y^6 \ z^2 + x^6 \ (-756 \ y^2 + 56 \ z^2) + 14 \ x^4 \ (87 \ y^4 - 20 \ y^2 \ z^2) + x^2 \ (-372 \ y^6 + 168 \ y^4 \ z^2))$	$-24 \sqrt{2431} \ x \ z \ (x^8 + 12 \ y^8 - 7 \ y^6 \ z^2 + x^6 \ (-39 \ y^2 + z^2) + 21 \ x^4 \ (7 \ y^4 - y^2 \ z^2) - 35 \ x^2 \ (3 \ y^6 - y^4 \ z^2))$
9	$\sqrt{\frac{2431}{2}} \ x \ y \ (-91 \ x^8 - 99 \ y^8 + 72 \ y^6 \ z^2 + 36 \ x^6 \ (31 \ y^2 - 2 \ z^2) - 126 \ x^4 \ (19 \ y^4 - 4 \ y^2 \ z^2) + 12 \ x^2 \ (97 \ y^6 - 42 \ y^4 \ z^2))$	$\sqrt{\frac{2431}{2}} \ (9 \ x^{10} - 10 \ y^{10} + 9 \ y^8 \ z^2 + 9 \ x^8 \ (-46 \ y^2 + z^2) + 42 \ x^6 \ (47 \ y^4 - 6 \ y^2 \ z^2) - 126 \ x^4 \ (16 \ y^6 - 5 \ y^4 \ z^2) + 63 \ x^2 \ (7 \ y^8 - 4 \ y^6 \ z^2))$

n=9 Bz(A9/r^*21):

	Re	Im
-9	$19 \sqrt{\frac{2431}{2}} \times \left(x^8 - 36 x^6 y^2 + 126 x^4 y^4 - 84 x^2 y^6 + 9 y^8 \right) z$	$-19 \sqrt{\frac{2431}{2}} y \left(9 x^8 - 84 x^6 y^2 + 126 x^4 y^4 - 36 x^2 y^6 + y^8 \right) z$
-8	$-3 \sqrt{2431} \left(x^8 - 28 x^6 y^2 + 70 x^4 y^4 - 28 x^2 y^6 + y^8 \right) \left(x^2 + y^2 - 18 z^2 \right)$	$24 \sqrt{2431} x y \left(x^6 - 7 x^4 y^2 + 7 x^2 y^4 - y^6 \right) \left(x^2 + y^2 - 18 z^2 \right)$
-7	$-51 \sqrt{\frac{143}{2}} x \left(x^6 - 21 x^4 y^2 + 35 x^2 y^4 - 7 y^6 \right) z \left(3 x^2 + 3 y^2 - 16 z^2 \right)$	$-51 \sqrt{\frac{143}{2}} y \left(-7 x^6 + 35 x^4 y^2 - 21 x^2 y^4 + y^6 \right) z \left(3 x^2 + 3 y^2 - 16 z^2 \right)$
-6	$2 \sqrt{858} \left(x^6 - 15 x^4 y^2 + 15 x^2 y^4 - y^6 \right) \left(3 x^4 + 3 y^4 - 96 y^2 z^2 + 224 z^4 + 6 x^2 \left(y^2 - 16 z^2 \right) \right)$	$-4 \sqrt{858} x y \left(3 x^4 - 10 x^2 y^2 + 3 y^4 \right) \left(3 x^4 + 3 y^4 - 96 y^2 z^2 + 224 z^4 + 6 x^2 \left(y^2 - 16 z^2 \right) \right)$
-5	$3 \sqrt{1430} x \left(x^4 - 10 x^2 y^2 + 5 y^4 \right) z \left(15 x^4 + 15 y^4 - 140 y^2 z^2 + 168 z^4 + 10 x^2 \left(3 y^2 - 14 z^2 \right) \right)$	$-3 \sqrt{1430} y \left(5 x^4 - 10 x^2 y^2 + y^4 \right) z \left(15 x^4 + 15 y^4 - 140 y^2 z^2 + 168 z^4 + 10 x^2 \left(3 y^2 - 14 z^2 \right) \right)$
-4	$-6 \sqrt{1001} \left(x^4 - 6 x^2 y^2 + y^4 \right) \left(x^6 + y^6 - 42 y^4 z^2 + 168 y^2 z^4 - 112 z^6 + 3 x^4 \left(y^2 - 14 z^2 \right) + 3 x^2 \left(y^4 - 28 y^2 z^2 + 56 z^4 \right) \right)$	$24 \sqrt{1001} x y \left(x^2 - y^2 \right) \left(x^6 + y^6 - 42 y^4 z^2 + 168 y^2 z^4 - 112 z^6 + 3 x^4 \left(y^2 - 14 z^2 \right) + 3 x^2 \left(y^4 - 28 y^2 z^2 + 56 z^4 \right) \right)$
-3	$-13 \sqrt{462} x \left(x^2 - 3 y^2 \right) z \left(7 x^6 + 7 y^6 - 84 y^4 z^2 + 168 y^2 z^4 - 64 z^6 + 21 x^4 \left(y^2 - 4 z^2 \right) + 21 x^2 \left(y^4 - 8 y^2 z^2 + 8 z^4 \right) \right)$	$13 \sqrt{462} y \left(3 x^2 - y^2 \right) z \left(7 x^6 + 7 y^6 - 84 y^4 z^2 + 168 y^2 z^4 - 64 z^6 + 21 x^4 \left(y^2 - 4 z^2 \right) + 21 x^2 \left(y^4 - 8 y^2 z^2 + 8 z^4 \right) \right)$
-2	$6 \sqrt{22} \left(x^2 - y^2 \right) \left(7 x^8 + 7 y^8 - 336 y^6 z^2 + 1680 y^4 z^4 - 1792 y^2 z^6 + 384 z^8 + 28 x^6 \left(y^2 - 12 z^2 \right) + 42 x^4 \left(y^4 - 24 y^2 z^2 + 40 z^4 \right) + 28 x^2 \left(y^6 - 36 y^4 z^2 + 120 y^2 z^4 - 64 z^6 \right) \right)$	$-12 \sqrt{22} x y \left(7 x^8 + 7 y^8 - 336 y^6 z^2 + 1680 y^4 z^4 - 1792 y^2 z^6 + 384 z^8 + 28 x^6 \left(y^2 - 12 z^2 \right) + 42 x^4 \left(y^4 - 24 y^2 z^2 + 40 z^4 \right) + 28 x^2 \left(y^6 - 36 y^4 z^2 + 120 y^2 z^4 - 64 z^6 \right) \right)$
-1	$33 x z \left(63 x^8 + 63 y^8 - 840 y^6 z^2 + 2016 y^4 z^4 - 1152 y^2 z^6 + 128 z^8 + 84 x^6 \left(3 y^2 - 10 z^2 \right) + 126 x^4 \left(3 y^4 - 20 y^2 z^2 + 16 z^4 \right) + 36 x^2 \left(7 y^6 - 70 y^4 z^2 + 112 y^2 z^4 - 32 z^6 \right) \right)$	$-33 y z \left(63 x^8 + 63 y^8 - 840 y^6 z^2 + 2016 y^4 z^4 - 1152 y^2 z^6 + 128 z^8 + 84 x^6 \left(3 y^2 - 10 z^2 \right) + 126 x^4 \left(3 y^4 - 20 y^2 z^2 + 16 z^4 \right) + 36 x^2 \left(7 y^6 - 70 y^4 z^2 + 112 y^2 z^4 - 32 z^6 \right) \right)$
0	$-\sqrt{10} \left(63 x^{10} + 63 y^{10} - 3150 y^8 z^2 + 16800 y^6 z^4 - 20160 y^4 z^6 + 5760 y^2 z^8 - 256 z^{10} + 315 x^8 \left(y^2 - 10 z^2 \right) + 210 x^6 \left(3 y^4 - 60 y^2 z^2 + 80 z^4 \right) + 630 x^4 \left(y^6 - 30 y^4 z^2 + 80 y^2 z^4 - 32 z^6 \right) + 45 x^2 \left(7 y^8 - 280 y^6 z^2 + 1120 y^4 z^4 - 896 y^2 z^6 + 128 z^8 \right) \right)$	0
1	$-33 x z \left(63 x^8 + 63 y^8 - 840 y^6 z^2 + 2016 y^4 z^4 - 1152 y^2 z^6 + 128 z^8 + 84 x^6 \left(3 y^2 - 10 z^2 \right) + 126 x^4 \left(3 y^4 - 20 y^2 z^2 + 16 z^4 \right) + 36 x^2 \left(7 y^6 - 70 y^4 z^2 + 112 y^2 z^4 - 32 z^6 \right) \right)$	$-33 y z \left(63 x^8 + 63 y^8 - 840 y^6 z^2 + 2016 y^4 z^4 - 1152 y^2 z^6 + 128 z^8 + 84 x^6 \left(3 y^2 - 10 z^2 \right) + 126 x^4 \left(3 y^4 - 20 y^2 z^2 + 16 z^4 \right) + 36 x^2 \left(7 y^6 - 70 y^4 z^2 + 112 y^2 z^4 - 32 z^6 \right) \right)$
2	$6 \sqrt{22} \left(x^2 - y^2 \right) \left(7 x^8 + 7 y^8 - 336 y^6 z^2 + 1680 y^4 z^4 - 1792 y^2 z^6 + 384 z^8 + 28 x^6 \left(y^2 - 12 z^2 \right) + 42 x^4 \left(y^4 - 24 y^2 z^2 + 40 z^4 \right) + 28 x^2 \left(y^6 - 36 y^4 z^2 + 120 y^2 z^4 - 64 z^6 \right) \right)$	$12 \sqrt{22} x y \left(7 x^8 + 7 y^8 - 336 y^6 z^2 + 1680 y^4 z^4 - 1792 y^2 z^6 + 384 z^8 + 28 x^6 \left(y^2 - 12 z^2 \right) + 42 x^4 \left(y^4 - 24 y^2 z^2 + 40 z^4 \right) + 28 x^2 \left(y^6 - 36 y^4 z^2 + 120 y^2 z^4 - 64 z^6 \right) \right)$
3	$13 \sqrt{462} x \left(x^2 - 3 y^2 \right) z \left(7 x^6 + 7 y^6 - 84 y^4 z^2 + 168 y^2 z^4 - 64 z^6 + 21 x^4 \left(y^2 - 4 z^2 \right) + 21 x^2 \left(y^4 - 8 y^2 z^2 + 8 z^4 \right) \right)$	$13 \sqrt{462} y \left(3 x^2 - y^2 \right) z \left(7 x^6 + 7 y^6 - 84 y^4 z^2 + 168 y^2 z^4 - 64 z^6 + 21 x^4 \left(y^2 - 4 z^2 \right) + 21 x^2 \left(y^4 - 8 y^2 z^2 + 8 z^4 \right) \right)$
4	$-6 \sqrt{1001} \left(x^4 - 6 x^2 y^2 + y^4 \right) \left(x^6 + y^6 - 42 y^4 z^2 + 168 y^2 z^4 - 112 z^6 + 3 x^4 \left(y^2 - 14 z^2 \right) + 3 x^2 \left(y^4 - 28 y^2 z^2 + 56 z^4 \right) \right)$	$-24 \sqrt{1001} x y \left(x^2 - y^2 \right) \left(x^6 + y^6 - 42 y^4 z^2 + 168 y^2 z^4 - 112 z^6 + 3 x^4 \left(y^2 - 14 z^2 \right) + 3 x^2 \left(y^4 - 28 y^2 z^2 + 56 z^4 \right) \right)$
5	$-3 \sqrt{1430} x \left(x^4 - 10 x^2 y^2 + 5 y^4 \right) z \left(15 x^4 + 15 y^4 - 140 y^2 z^2 + 168 z^4 + 10 x^2 \left(3 y^2 - 14 z^2 \right) \right)$	$-3 \sqrt{1430} y \left(5 x^4 - 10 x^2 y^2 + y^4 \right) z \left(15 x^4 + 15 y^4 - 140 y^2 z^2 + 168 z^4 + 10 x^2 \left(3 y^2 - 14 z^2 \right) \right)$
6	$2 \sqrt{858} \left(x^6 - 15 x^4 y^2 + 15 x^2 y^4 - y^6 \right) \left(3 x^4 + 3 y^4 - 96 y^2 z^2 + 224 z^4 + 6 x^2 \left(y^2 - 16 z^2 \right) \right)$	$4 \sqrt{858} x y \left(3 x^4 - 10 x^2 y^2 + 3 y^4 \right) \left(3 x^4 + 3 y^4 - 96 y^2 z^2 + 224 z^4 + 6 x^2 \left(y^2 - 16 z^2 \right) \right)$
7	$51 \sqrt{\frac{143}{2}} x \left(x^6 - 21 x^4 y^2 + 35 x^2 y^4 - 7 y^6 \right) z \left(3 x^2 + 3 y^2 - 16 z^2 \right)$	$-51 \sqrt{\frac{143}{2}} y \left(-7 x^6 + 35 x^4 y^2 - 21 x^2 y^4 + y^6 \right) z \left(3 x^2 + 3 y^2 - 16 z^2 \right)$
8	$-3 \sqrt{2431} \left(x^8 - 28 x^6 y^2 + 70 x^4 y^4 - 28 x^2 y^6 + y^8 \right) \left(x^2 + y^2 - 18 z^2 \right)$	$-24 \sqrt{2431} x y \left(x^6 - 7 x^4 y^2 + 7 x^2 y^4 - y^6 \right) \left(x^2 + y^2 - 18 z^2 \right)$
9	$-19 \sqrt{\frac{2431}{2}} x \left(x^8 - 36 x^6 y^2 + 126 x^4 y^4 - 84 x^2 y^6 + 9 y^8 \right) z$	$-19 \sqrt{\frac{2431}{2}} y \left(9 x^8 - 84 x^6 y^2 + 126 x^4 y^4 - 36 x^2 y^6 + y^8 \right) z$

n=10 Bx (A10/r^23) :

	Re	Im
-10	$\frac{1}{8} \sqrt{\frac{4199}{10}} x \left(11 x^{10} - 5 x^8 \left(119 y^2 + 2 z^2 \right) - 3 y^8 \left(37 y^2 + 30 z^2 \right) + 90 x^6 \left(39 y^4 + 4 y^2 z^2 \right) - 210 x^4 \left(23 y^6 + 6 y^4 z^2 \right) + 15 x^2 \left(113 y^8 + 56 y^6 z^2 \right) \right)$	$\frac{1}{4} \sqrt{\frac{4199}{10}} y \left(-60 x^{10} + 5 y^8 \left(y^2 + z^2 \right) + 15 x^8 \left(59 y^2 + 3 z^2 \right) - 84 x^6 \left(29 y^4 + 5 y^2 z^2 \right) + 90 x^4 \left(19 y^6 + 7 y^4 z^2 \right) - 20 x^2 \left(14 y^8 + 9 y^6 z^2 \right) \right)$
-9	$-\frac{3}{4} \sqrt{\frac{4199}{2}} z \left(4 x^{10} - 3 y^8 \left(y^2 + z^2 \right) + 84 x^6 y^2 \left(9 y^2 + z^2 \right) - 3 x^8 \left(57 y^2 + z^2 \right) - 42 x^4 \left(17 y^6 + 5 y^4 z^2 \right) + 12 x^2 \left(12 y^8 + 7 y^6 z^2 \right) \right)$	$-\frac{3}{4} \sqrt{\frac{4199}{2}} x y z \left(39 x^8 + 31 y^8 + 24 y^6 z^2 - 12 x^6 \left(37 y^2 + 2 z^2 \right) + 42 x^4 \left(21 y^4 + 4 y^2 z^2 \right) - 12 x^2 \left(33 y^6 + 14 y^4 z^2 \right) \right)$
-8	$\frac{1}{8} \sqrt{221} x \left(-11 x^{10} + x^8 \left(361 y^2 + 244 z^2 \right) - 18 x^6 \left(47 y^4 + 440 y^2 z^2 + 8 z^4 \right) + 3 y^6 \left(-25 y^4 + 444 y^2 z^2 + 336 z^4 \right) - 42 x^4 \left(11 y^6 - 588 y^4 z^2 - 72 y^2 z^4 \right) + 3 x^2 \left(227 y^8 - 4816 y^6 z^2 - 1680 y^4 z^4 \right) \right)$	$\sqrt{221} y \left(12 x^{10} - 3 x^8 \left(31 y^2 + 87 z^2 \right) + y^6 \left(y^4 - 17 y^2 z^2 - 18 z^4 \right) + 42 x^6 \left(y^4 + 52 y^2 z^2 + 3 z^4 \right) + 18 x^4 \left(6 y^6 - 161 y^4 z^2 - 35 y^2 z^4 \right) + x^2 \left(-38 y^8 + 720 y^6 z^2 + 378 y^4 z^4 \right) \right)$
-7	$\frac{1}{4} \sqrt{\frac{663}{2}} z \left(-36 x^{10} + x^8 \left(867 y^2 + 251 z^2 \right) - 28 x^6 \left(39 y^4 + 211 y^2 z^2 + 4 z^4 \right) + 7 y^6 \left(-3 y^4 + 13 y^2 z^2 + 16 z^4 \right) - 42 x^4 \left(31 y^6 - 285 y^4 z^2 - 40 y^2 z^4 \right) + 28 x^2 \left(24 y^8 - 131 y^6 z^2 - 60 y^4 z^4 \right) \right)$	$\frac{1}{4} \sqrt{\frac{663}{2}} x y z \left(273 x^8 - 183 y^8 + 888 y^6 z^2 + 672 y^4 z^2 - 84 x^6 \left(17 y^2 + 22 z^2 \right) - 14 x^4 \left(15 y^4 - 764 y^2 z^2 - 48 z^4 \right) + 4 x^2 \left(327 y^6 - 2114 y^4 z^2 - 560 y^2 z^4 \right) \right)$
-6	$\frac{3}{8} \sqrt{\frac{39}{2}} x \left(11 x^{10} - x^8 \left(179 y^2 + 426 z^2 \right) + x^6 \left(-106 y^4 + 7080 y^2 z^2 + 1376 z^4 \right) + 14 x^4 \left(23 y^6 - 186 y^4 z^2 - 1584 y^2 z^4 - 32 z^6 \right) - y^4 \left(47 y^6 - 1542 y^4 z^2 + 2912 y^2 z^4 + 2240 z^6 \right) + x^2 \left(191 y^8 - 8568 y^6 z^2 + 25760 y^4 z^4 + 4480 y^2 z^6 \right) \right)$	$\frac{3}{4} \sqrt{\frac{39}{2}} y \left(-36 x^{10} + x^8 \left(83 y^2 + 1371 z^2 \right) + 28 x^6 \left(7 y^4 - 153 y^2 z^2 - 152 z^4 \right) + y^4 \left(3 y^6 - 93 y^4 z^2 + 128 y^2 z^4 + 224 z^6 \right) + 2 x^4 \left(y^6 - 1491 y^4 z^2 + 7840 y^2 z^4 + 560 z^6 \right) - 4 x^2 \left(18 y^8 - 645 y^6 z^2 + 1512 y^4 z^4 + 560 y^2 z^6 \right) \right)$
-5	$-\frac{1}{2} \sqrt{\frac{39}{10}} z \left(-180 x^{10} + 5 x^8 \left(363 y^2 + 419 z^2 \right) + 28 x^6 \left(90 y^4 - 785 y^2 z^2 - 131 z^4 \right) - 210 x^4 \left(5 y^6 + 35 y^4 z^2 - 178 y^2 z^4 - 4 z^6 \right) + 5 y^4 \left(15 y^6 - 125 y^4 z^2 + 28 y^2 z^4 + 168 z^6 \right) - 20 x^2 \left(75 y^8 - 805 y^6 z^2 + 987 y^4 z^4 + 252 y^2 z^6 \right) \right)$	$-\frac{1}{2} \sqrt{\frac{39}{10}} x y z \left(975 x^8 + 555 y^8 - 5220 y^6 z^2 + 4368 y^4 z^2 + 3360 y^2 z^6 - 300 x^6 \left(2 y^2 + 37 z^2 \right) - 70 x^4 \left(51 y^4 - 230 y^2 z^2 - 264 z^4 \right) - 20 x^2 \left(72 y^6 - 1099 y^4 z^2 + 1904 y^2 z^4 + 168 z^6 \right) \right)$
-4	$-\frac{1}{4} \sqrt{39} x \left(11 x^{10} - x^8 \left(49 y^2 + 556 z^2 \right) - 6 x^6 \left(31 y^4 - 480 y^2 z^2 - 476 z^4 \right) - 14 x^4 \left(11 y^6 - 444 y^4 z^2 + 1164 y^2 z^4 + 208 z^6 \right) + 3 y^2 \left(9 y^8 - 404 y^6 z^2 + 1624 y^4 z^4 - 672 y^2 z^6 - 448 z^8 \right) + x^2 \left(-y^8 + 1568 y^6 z^2 - 14280 y^4 z^4 + 16576 y^2 z^6 + 448 z^8 \right) \right)$	$\sqrt{39} y \left(12 x^{10} + x^8 \left(19 y^2 - 597 z^2 \right) - 14 x^6 \left(y^4 + 28 y^2 z^2 - 213 z^4 \right) - 6 x^4 \left(6 y^6 - 161 y^4 z^2 + 105 y^2 z^4 + 476 z^6 \right) + y^2 \left(y^8 - 41 y^6 z^2 + 126 y^4 z^4 + 56 y^2 z^6 - 112 z^8 \right) + x^2 \left(-14 y^8 + 720 y^6 z^2 - 3486 y^4 z^4 + 2576 y^2 z^6 + 336 z^8 \right) \right)$
-3	$-\frac{3}{2} \sqrt{\frac{39}{2}} z \left(28 x^{10} - 7 x^8 \left(3 y^2 + 59 z^2 \right) - 28 x^6 \left(8 y^4 - 23 y^2 z^2 - 39 z^4 \right) - 2 x^4 \left(133 y^6 - 1225 y^4 z^2 + 1218 y^2 z^4 + 332 z^6 \right) + y^2 \left(7 y^8 - 77 y^6 z^2 + 84 y^4 z^4 + 104 y^2 z^6 - 64 z^8 \right) - 4 x^2 \left(21 y^8 - 329 y^6 z^2 + 861 y^4 z^4 - 420 y^2 z^6 - 16 z^8 \right) \right)$	$\frac{3}{2} \sqrt{\frac{39}{2}} x y z \left(91 x^8 - 49 y^8 + 644 y^6 z^2 - 1344 y^4 z^4 + 352 y^2 z^6 + 128 z^8 + 28 x^6 \left(8 y^2 - 47 z^2 \right) + 14 x^4 \left(9 y^4 - 142 y^2 z^2 + 240 z^4 \right) - 4 x^2 \left(14 y^6 + 7 y^4 z^2 - 504 y^2 z^4 + 472 z^6 \right) \right)$
-2	$\frac{1}{8} \sqrt{3} x \left(77 x^{10} + 7 x^8 \left(29 y^2 - 634 z^2 \right) + 42 x^6 \left(y^4 - 180 y^2 z^2 + 664 z^4 \right) - 14 x^4 \left(23 y^6 - 282 y^4 z^2 - 1608 y^2 z^4 + 2896 z^6 \right) + x^2 \left(-343 y^8 + 12824 y^6 z^2 - 38640 y^4 z^4 + 448 y^2 z^6 + 14464 z^8 \right) - 3 \left(35 y^{10} - 1918 y^8 z^2 + 11088 y^6 z^4 - 13664 y^4 z^6 + 2944 y^2 z^8 + 256 z^{10} \right) \right)$	$\frac{1}{4} \sqrt{3} y \left(-84 x^{10} + 7 y^{10} - 329 y^8 z^2 + 1344 y^6 z^2 - 112 y^4 z^6 - 1408 y^2 z^8 + 384 z^{10} - 7 x^8 \left(47 y^2 - 681 z^2 \right) - 28 x^6 \left(17 y^4 - 499 y^2 z^2 + 1044 z^4 \right) - 42 x^4 \left(7 y^6 - 317 y^4 z^2 + 1360 y^2 z^4 - 968 z^6 \right) - 4 x^2 \left(14 y^8 - 945 y^6 z^2 + 6636 y^4 z^4 - 10136 y^2 z^6 + 3264 z^8 \right) \right)$
-1	$\frac{1}{4} z \left(756 x^{10} - 63 y^{10} + 777 y^8 z^2 - 1176 y^6 z^4 - 864 y^4 z^6 + 1024 y^2 z^8 - 128 z^{10} + 21 x^8 \left(141 y^2 - 587 z^2 \right) + 84 x^6 \left(51 y^4 - 431 y^2 z^2 + 454 z^4 \right) + 18 x^4 \left(147 y^6 - 1925 y^4 z^2 + 4172 y^2 z^4 - 1712 z^6 \right) + 4 x^2 \left(126 y^8 - 2499 y^6 z^2 + 8946 y^4 z^4 - 7920 y^2 z^6 + 1504 z^8 \right) \right)$	$-\frac{39}{4} x y z \left(21 x^8 + 21 y^8 - 336 y^6 z^2 + 1008 y^4 z^4 - 768 y^2 z^6 + 128 z^8 + 84 x^6 \left(y^2 - 4 z^2 \right) + 126 x^4 \left(y^4 - 8 y^2 z^2 + 8 z^4 \right) + 12 x^2 \left(7 y^6 - 84 y^4 z^2 + 168 y^2 z^4 - 64 z^6 \right) \right)$
0	$-\frac{3}{4} \sqrt{\frac{11}{10}} x \left(21 x^{10} + 21 y^{10} - 1260 y^8 z^2 + 8400 y^6 z^4 - 13440 y^4 z^6 + 5760 y^2 z^8 - 512 z^{10} + 105 x^8 \left(y^2 - 12 z^2 \right) + 210 x^6 \left(y^4 - 24 y^2 z^2 + 40 z^4 \right) + 210 x^4 \left(y^6 - 36 y^4 z^2 + 120 y^2 z^4 - 64 z^6 \right) + 15 x^2 \left(7 y^8 - 336 y^6 z^2 + 1680 y^4 z^4 - 1792 y^2 z^6 + 384 z^8 \right) \right)$	0
1	$\frac{1}{4} z \left(-756 x^{10} + 63 y^{10} - 777 y^8 z^2 + 1176 y^6 z^4 + 864 y^4 z^6 - 1024 y^2 z^8 + 128 z^{10} - 21 x^8 \left(141 y^2 - 587 z^2 \right) - 84 x^6 \left(51 y^4 - 431 y^2 z^2 + 454 z^4 \right) - 18 x^4 \left(147 y^6 - 1925 y^4 z^2 + 4172 y^2 z^4 - 1712 z^6 \right) - 4 x^2 \left(126 y^8 - 2499 y^6 z^2 + 8946 y^4 z^4 - 7920 y^2 z^6 + 1504 z^8 \right) \right)$	$-\frac{39}{4} x y z \left(21 x^8 + 21 y^8 - 336 y^6 z^2 + 1008 y^4 z^4 - 768 y^2 z^6 + 128 z^8 + 84 x^6 \left(y^2 - 4 z^2 \right) + 126 x^4 \left(y^4 - 8 y^2 z^2 + 8 z^4 \right) + 12 x^2 \left(7 y^6 - 84 y^4 z^2 + 168 y^2 z^4 - 64 z^6 \right) \right)$
2	$\frac{1}{8} \sqrt{3} x \left(77 x^{10} + 7 x^8 \left(29 y^2 - 634 z^2 \right) + 42 x^6 \left(y^4 - 180 y^2 z^2 + 664 z^4 \right) - 14 x^4 \left(23 y^6 - 282 y^4 z^2 - 1608 y^2 z^4 + 2896 z^6 \right) + x^2 \left(-343 y^8 + 12824 y^6 z^2 - 38640 y^4 z^4 + 448 y^2 z^6 + 14464 z^8 \right) - 3 \left(35 y^{10} - 1918 y^8 z^2 + 11088 y^6 z^4 - 13664 y^4 z^6 + 2944 y^2 z^8 + 256 z^{10} \right) \right)$	$-\frac{1}{4} \sqrt{3} y \left(-84 x^{10} + 7 y^{10} - 329 y^8 z^2 + 1344 y^6 z^2 - 112 y^4 z^6 - 1408 y^2 z^8 + 384 z^{10} - 7 x^8 \left(47 y^2 - 681 z^2 \right) - 28 x^6 \left(17 y^4 - 499 y^2 z^2 + 1044 z^4 \right) - 42 x^4 \left(7 y^6 - 317 y^4 z^2 + 1360 y^2 z^4 - 968 z^6 \right) - 4 x^2 \left(14 y^8 - 945 y^6 z^2 + 6636 y^4 z^4 - 10136 y^2 z^6 + 3264 z^8 \right) \right)$
3	$\frac{3}{2} \sqrt{\frac{39}{2}} z \left(28 x^{10} - 7 x^8 \left(3 y^2 + 59 z^2 \right) - 28 x^6 \left(8 y^4 - 23 y^2 z^2 - 39 z^4 \right) - 2 x^4 \left(133 y^6 - 1225 y^4 z^2 + 1218 y^2 z^4 + 332 z^6 \right) + y^2 \left(7 y^8 - 77 y^6 z^2 + 84 y^4 z^4 + 104 y^2 z^6 - 64 z^8 \right) - 4 x^2 \left(21 y^8 - 329 y^6 z^2 + 861 y^4 z^4 - 420 y^2 z^6 - 16 z^8 \right) \right)$	$\frac{3}{2} \sqrt{\frac{39}{2}} x y z \left(91 x^8 - 49 y^8 + 644 y^6 z^2 - 1344 y^4 z^4 + 352 y^2 z^6 + 128 z^8 + 28 x^6 \left(8 y^2 - 47 z^2 \right) + 14 x^4 \left(9 y^4 - 142 y^2 z^2 + 240 z^4 \right) - 4 x^2 \left(14 y^6 + 7 y^4 z^2 - 504 y^2 z^4 + 472 z^6 \right) \right)$
4	$-\frac{1}{4} \sqrt{39} x \left(11 x^{10} - x^8 \left(49 y^2 + 556 z^2 \right) - 6 x^6 \left(31 y^4 - 480 y^2 z^2 - 476 z^4 \right) - 14 x^4 \left(11 y^6 - 444 y^4 z^2 + 1164 y^2 z^4 + 208 z^6 \right) + 3 y^2 \left(9 y^8 - 404 y^6 z^2 + 1624 y^4 z^4 - 672 y^2 z^6 - 448 z^8 \right) + x^2 \left(-y^8 + 1568 y^6 z^2 - 14280 y^4 z^4 + 16576 y^2 z^6 + 448 z^8 \right) \right)$	$-\sqrt{39} y \left(12 x^{10} + x^8 \left(19 y^2 - 597 z^2 \right) - 14 x^6 \left(y^4 + 28 y^2 z^2 - 213 z^4 \right) - 6 x^4 \left(6 y^6 - 161 y^4 z^2 + 105 y^2 z^4 + 476 z^6 \right) + y^2 \left(y^8 - 41 y^6 z^2 + 126 y^4 z^4 + 56 y^2 z^6 - 112 z^8 \right) + x^2 \left(-14 y^8 + 720 y^6 z^2 - 3486 y^4 z^4 + 2576 y^2 z^6 + 336 z^8 \right) \right)$
5	$\frac{1}{2} \sqrt{\frac{39}{10}} z \left(-180 x^{10} + 5 x^8 \left(363 y^2 + 419 z^2 \right) + 28 x^6 \left(90 y^4 - 785 y^2 z^2 - 131 z^4 \right) - 210 x^4 \left(5 y^6 + 35 y^4 z^2 - 178 y^2 z^4 - 4 z^6 \right) + 5 y^4 \left(15 y^6 - 125 y^4 z^2 + 28 y^2 z^4 + 168 z^6 \right) - 20 x^2 \left(75 y^8 - 805 y^6 z^2 + 987 y^4 z^4 + 252 y^2 z^6 \right) \right)$	$-\frac{1}{2} \sqrt{\frac{39}{10}} x y z \left(975 x^8 + 555 y^8 - 5220 y^6 z^2 + 4368 y^4 z^2 + 3360 y^2 z^6 - 300 x^6 \left(2 y^2 + 37 z^2 \right) - 70 x^4 \left(51 y^4 - 230 y^2 z^2 - 264 z^4 \right) - 20 x^2 \left(72 y^6 - 1099 y^4 z^2 + 1904 y^2 z^4 + 168 z^6 \right) \right)$
6	$\frac{3}{8} \sqrt{\frac{39}{2}} x \left(11 x^{10} - x^8 \left(179 y^2 + 426 z^2 \right) + x^6 \left(-106 y^4 + 7080 y^2 z^2 + 1376 z^4 \right) + 14 x^4 \left(23 y^6 - 186 y^4 z^2 - 1584 y^2 z^4 - 32 z^6 \right) - y^4 \left(47 y^6 - 1542 y^4 z^2 + 2912 y^2 z^4 + 2240 z^6 \right) + x^2 \left(191 y^8 - 8568 y^6 z^2 + 25760 y^4 z^4 + 4480 y^2 z^6 \right) \right)$	$-\frac{3}{4} \sqrt{\frac{39}{2}} y \left(-36 x^{10} + x^8 \left(83 y^2 + 1371 z^2 \right) + 28 x^6 \left(7 y^4 - 153 y^2 z^2 - 152 z^4 \right) + y^4 \left(3 y^6 - 93 y^4 z^2 + 128 y^2 z^4 + 224 z^6 \right) + 2 x^4 \left(y^6 - 1491 y^4 z^2 + 7840 y^2 z^4 + 560 z^6 \right) - 4 x^2 \left(18 y^8 - 645 y^6 z^2 + 1512 y^4 z^4 + 560 y^2 z^6 \right) \right)$
7	$\frac{1}{4} \sqrt{\frac{663}{2}} z \left(36 x^{10} - x^8 \left(867 y^2 + 251 z^2 \right) + 7 y^6 \left(3 y^4 - 13 y^2 z^2 - 16 z^4 \right) + 28 x^6 \left(39 y^4 + 211 y^2 z^2 + 4 z^4 \right) + 42 x^4 \left(31 y^6 - 285 y^4 z^2 - 40 y^2 z^4 \right) - 28 x^2 \left(24 y^8 - 131 y^6 z^2 - 60 y^4 z^4 \right) \right)$	$\frac{1}{4} \sqrt{\frac{663}{2}} x y z \left(273 x^8 - 183 y^8 + 888 y^6 z^2 + 672 y^4 z^2 - 84 x^6 \left(17 y^2 + 22 z^2 \right) - 14 x^4 \left(15 y^4 - 764 y^2 z^2 - 48 z^4 \right) + 4 x^2 \left(327 y^6 - 2114 y^4 z^2 - 560 y^2 z^4 \right) \right)$
8	$\frac{1}{8} \sqrt{221} x \left(-11 x^{10} + x^8 \left(361 y^2 + 244 z^2 \right) - 18 x^6 \left(47 y^4 + 440 y^2 z^2 + 8 z^4 \right) + 3 y^6 \left(-25 y^4 + 444 y^2 z^2 + 336 z^4 \right) - 42 x^4 \left(11 y^6 - 588 y^4 z^2 - 72 y^2 z^4 \right) + 3 x^2 \left(227 y^8 - 4816 y^6 z^2 - 1680 y^4 z^4 \right) \right)$	$-\sqrt{221} y \left(12 x^{10} - 3 x^8 \left(31 y^2 + 87 z^2 \right) + y^6 \left(y^4 - 17 y^2 z^2 - 18 z^4 \right) + 42 x^6 \left(y^4 + 52 y^2 z^2 + 3 z^4 \right) + 18 x^4 \left(6 y^6 - 161 y^4 z^2 - 35 y^2 z^4 \right) + x^2 \left(-38 y^8 + 720 y^6 z^2 + 378 y^4 z^4 \right) \right)$
9	$\frac{3}{4} \sqrt{\frac{4199}{2}} z \left(-4 x^{10} + 3 y^8 \left(y^2 + z^2 \right) - 84 x^6 y^2 \left(9 y^2 + z^2 \right) + 3 x^8 \left(57 y^2 + z^2 \right) + 42 x^4 \left(17 y^6 + 5 y^4 z^2 \right) - 12 x^2 \left(12 y^8 + 7 y^6 z^2 \right) \right)$	$-\frac{3}{4} \sqrt{\frac{4199}{2}} x y z \left(39 x^8 + 31 y^8 + 24 y^6 z^2 - 12 x^6 \left(37 y^2 + 2 z^2 \right) + 42 x^4 \left(21 y^4 + 4 y^2 z^2 \right) - 12 x^2 \left(33 y^6 + 14 y^4 z^2 \right) \right)$
10	$\frac{1}{8} \sqrt{\frac{4199}{10}} x \left(11 x^{10} - 5 x^8 \left(119 y^2 + 2 z^2 \right) - 3 y^8 \left(37 y^2 + 30 z^2 \right) + 90 x^6 \left(39 y^4 + 4 y^2 z^2 \right) - 210 x^4 \left(23 y^6 + 6 y^4 z^2 \right) + 15 x^2 \left(113 y^8 + 56 y^6 z^2 \right) \right)$	$\frac{1}{4} \sqrt{\frac{4199}{10}} y \left(60 x^{10} - 5 y^8 \left(y^2 + z^2 \right) - 15 x^8 \left(59 y^2 + 3 z^2 \right) + 84 x^6 \left(29 y^4 + 5 y^2 z^2 \right) - 90 x^4 \left(19 y^6 + 7 y^4 z^2 \right) + 20 x^2 \left(14 y^8 + 9 y^6 z^2 \right) \right)$

n=10 By (A10/r^A23) :

	Re	Im
-10	$\frac{1}{8} \sqrt{\frac{4199}{10}} y \left(111 x^{10} - 11 y^{10} + 10 y^8 z^2 + x^8 \left(-1695 y^2 + 90 z^2 \right) + 210 x^6 \left(23 y^4 - 4 y^2 z^2 \right) - 90 x^4 \left(39 y^6 - 14 y^4 z^2 \right) + 5 x^2 \left(119 y^8 - 72 y^6 z^2 \right) \right)$	$\frac{1}{4} \sqrt{\frac{4199}{10}} x \left(5 x^{10} - 60 y^{10} + 45 y^8 z^2 + 5 x^8 \left(-56 y^2 + z^2 \right) + 90 x^6 \left(19 y^4 - 2 y^2 z^2 \right) - 42 x^4 \left(58 y^6 - 15 y^4 z^2 \right) + 15 x^2 \left(59 y^8 - 28 y^6 z^2 \right) \right)$
-9	$\frac{3}{4} \sqrt{\frac{4199}{2}} x y z \left(31 x^8 + 39 y^8 - 24 y^6 z^2 + x^6 \left(-396 y^2 + 24 z^2 \right) + 42 x^4 \left(21 y^4 - 4 y^2 z^2 \right) + x^2 \left(-444 y^6 + 168 y^4 z^2 \right) \right)$	$\frac{3}{4} \sqrt{\frac{4199}{2}} z \left(3 x^{10} - 4 y^{10} + 3 y^8 z^2 + 3 x^8 \left(-48 y^2 + z^2 \right) + 42 x^6 \left(17 y^4 - 2 y^2 z^2 \right) - 42 x^4 \left(18 y^6 - 5 y^4 z^2 \right) + 3 x^2 \left(57 y^8 - 28 y^6 z^2 \right) \right)$
-8	$\frac{1}{8} \sqrt{221} y \left(-75 x^{10} - 11 y^{10} + 244 y^8 z^2 - 144 y^6 z^4 + 3 x^8 \left(227 y^2 + 444 z^2 \right) - 42 x^6 \left(11 y^4 + 344 y^2 z^2 - 24 z^4 \right) - 18 x^4 \left(47 y^6 - 1372 y^4 z^2 + 280 y^2 z^4 \right) + x^2 \left(361 y^8 - 7920 y^6 z^2 + 3024 y^4 z^4 \right) \right)$	$-\sqrt{221} x \left(x^{10} - x^8 \left(38 y^2 + 17 z^2 \right) + 18 x^6 \left(6 y^4 + 40 y^2 z^2 - z^4 \right) + 3 y^6 \left(4 y^4 - 87 y^2 z^2 + 42 z^4 \right) + 42 x^4 \left(y^6 - 69 y^4 z^2 + 9 y^2 z^4 \right) - 3 x^2 \left(31 y^8 - 728 y^6 z^2 + 210 y^4 z^4 \right) \right)$
-7	$-\frac{1}{4} \sqrt{\frac{663}{2}} x y z \left(183 x^8 - 12 x^6 \left(109 y^2 + 74 z^2 \right) + 14 x^4 \left(15 y^4 + 604 y^2 z^2 - 48 z^4 \right) + 28 x^2 \left(51 y^6 - 382 y^4 z^2 + 80 y^2 z^4 \right) - 21 \left(13 y^8 - 88 y^6 z^2 + 32 y^4 z^4 \right) \right)$	$\frac{1}{4} \sqrt{\frac{663}{2}} z \left(-21 x^{10} - 36 y^{10} + 251 y^8 z^2 - 112 y^6 z^4 + 7 x^8 \left(96 y^2 + 13 z^2 \right) - 14 x^6 \left(93 y^4 + 262 y^2 z^2 - 8 z^4 \right) - 42 x^4 \left(26 y^6 - 285 y^4 z^2 + 40 y^2 z^4 \right) + x^2 \left(867 y^8 - 5908 y^6 z^2 + 1680 y^4 z^4 \right) \right)$
-6	$\frac{3}{8} \sqrt{\frac{39}{2}} y \left(47 x^{10} - 11 y^{10} + 426 y^8 z^2 - 1376 y^6 z^4 + 448 y^4 z^6 - x^8 \left(191 y^2 + 1542 z^2 \right) + x^6 \left(-322 y^4 + 8568 y^2 z^2 + 2912 z^4 \right) + 2 x^4 \left(53 y^6 + 1302 y^4 z^2 - 12 880 y^2 z^4 + 1120 z^6 \right) + x^2 \left(179 y^8 - 7080 y^6 z^2 + 22 176 y^4 z^4 - 4480 y^2 z^6 \right) \right)$	$\frac{3}{4} \sqrt{\frac{39}{2}} x \left(3 x^{10} - 36 y^{10} + 1371 y^8 z^2 - 4256 y^6 z^4 + 1120 y^4 z^6 - 3 x^8 \left(24 y^2 + 31 z^2 \right) + 2 x^6 \left(y^4 + 1290 y^2 z^2 + 64 z^4 \right) + 14 x^4 \left(14 y^6 - 213 y^4 z^2 - 432 y^2 z^4 + 16 z^6 \right) + x^2 \left(83 y^8 - 4284 y^6 z^2 + 15 680 y^4 z^4 - 2240 y^2 z^6 \right) \right)$
-5	$\frac{1}{2} \sqrt{\frac{39}{10}} x y z \left(555 x^8 - 180 x^6 \left(8 y^2 + 29 z^2 \right) + x^4 \left(-3570 y^4 + 21 980 y^2 z^2 + 4368 z^4 \right) - 20 x^2 \left(30 y^6 - 805 y^4 z^2 + 1904 y^2 z^4 - 168 z^6 \right) + 15 \left(65 y^8 - 740 y^6 z^2 + 1232 y^4 z^4 - 224 y^2 z^6 \right) \right)$	$\frac{1}{2} \sqrt{\frac{39}{10}} z \left(75 x^{10} - 180 y^{10} + 2095 y^8 z^2 - 3668 y^6 z^4 + 840 y^4 z^6 - 125 x^8 \left(12 y^2 + 5 z^2 \right) - 70 x^6 \left(15 y^4 - 230 y^2 z^2 - 2 z^4 \right) + 210 x^4 \left(12 y^6 - 35 y^4 z^2 - 94 y^2 z^4 + 4 z^6 \right) + 5 x^2 \left(363 y^8 - 4396 y^6 z^2 + 7476 y^4 z^4 - 1008 y^2 z^6 \right) \right)$
-4	$-\frac{1}{4} \sqrt{39} y \left(27 x^{10} - x^8 \left(y^2 + 1212 z^2 \right) + x^6 \left(-154 y^4 + 1568 y^2 z^2 + 4872 z^4 \right) - 6 x^4 \left(31 y^6 - 1036 y^4 z^2 + 2380 y^2 z^4 + 336 z^6 \right) + x^2 \left(-49 y^8 + 2880 y^6 z^2 - 16 296 y^4 z^4 + 16 576 y^2 z^6 - 1344 z^8 \right) + y^2 \left(11 y^8 - 556 y^6 z^2 + 2856 y^4 z^4 - 2912 y^2 z^6 + 448 z^8 \right) \right)$	$-\sqrt{39} x \left(x^{10} - x^8 \left(14 y^2 + 41 z^2 \right) - 18 x^6 \left(2 y^4 - 40 y^2 z^2 - 7 z^4 \right) - 14 x^4 \left(y^6 - 69 y^4 z^2 + 249 y^2 z^4 - 4 z^6 \right) + x^2 \left(19 y^8 - 392 y^6 z^2 - 630 y^4 z^4 + 2576 y^2 z^6 - 112 z^8 \right) + 3 y^2 \left(4 y^8 - 199 y^6 z^2 + 994 y^4 z^4 - 952 y^2 z^6 + 112 z^8 \right) \right)$
-3	$-\frac{3}{2} \sqrt{\frac{39}{2}} x y z \left(49 x^8 - 91 y^8 + 1316 y^6 z^2 - 3360 y^4 z^4 + 1888 y^2 z^6 - 128 z^8 + 28 x^6 \left(2 y^2 - 23 z^2 \right) - 14 x^4 \left(9 y^4 - 2 y^2 z^2 - 96 z^4 \right) - 4 x^2 \left(56 y^6 - 497 y^4 z^2 + 504 y^2 z^4 + 88 z^6 \right) \right)$	$\frac{3}{2} \sqrt{\frac{39}{2}} z \left(-7 x^{10} - 28 y^{10} + 413 y^8 z^2 - 1092 y^6 z^4 + 664 y^4 z^6 - 64 y^2 z^8 + x^8 \left(84 y^2 + 77 z^2 \right) + 14 x^6 \left(19 y^4 - 94 y^2 z^2 - 6 z^4 \right) + 2 x^4 \left(112 y^6 - 1225 y^4 z^2 + 1722 y^2 z^4 - 52 z^6 \right) + x^2 \left(21 y^8 - 644 y^6 z^2 + 2436 y^4 z^4 - 1680 y^2 z^6 + 64 z^8 \right) \right)$
-2	$\frac{1}{8} \sqrt{3} y \left(105 x^{10} - 77 y^{10} + 4438 y^8 z^2 - 27 888 y^6 z^4 + 40 544 y^4 z^6 - 14 464 y^2 z^8 + 768 z^{10} + 7 x^8 \left(49 y^2 - 822 z^2 \right) + 14 x^6 \left(23 y^4 - 916 y^2 z^2 + 2376 z^4 \right) - 42 x^4 \left(y^6 + 94 y^4 z^2 - 920 y^2 z^4 + 976 z^6 \right) + x^2 \left(-203 y^8 + 7560 y^6 z^2 - 22 512 y^4 z^4 - 448 y^2 z^6 + 8832 z^8 \right) \right)$	$\frac{1}{4} \sqrt{3} x \left(7 x^{10} - 84 y^{10} + 4767 y^8 z^2 - 29 232 y^6 z^4 + 40 656 y^4 z^6 - 13 056 y^2 z^8 + 384 z^{10} - 7 x^8 \left(8 y^2 + 47 z^2 \right) - 42 x^6 \left(7 y^4 - 90 y^2 z^2 - 32 z^4 \right) - 14 x^4 \left(34 y^6 - 951 y^4 z^2 + 1896 y^2 z^4 + 8 z^6 \right) + x^2 \left(-329 y^8 + 13 972 y^6 z^2 - 57 120 y^4 z^4 + 40 544 y^2 z^6 - 1408 z^8 \right) \right)$
-1	$\frac{39}{4} x y z \left(21 x^8 + 21 y^8 - 336 y^6 z^2 + 1008 y^4 z^4 - 768 y^2 z^6 + 128 z^8 + 84 x^6 \left(y^2 - 4 z^2 \right) + 126 x^4 \left(y^4 - 8 y^2 z^2 + 8 z^4 \right) + 12 x^2 \left(7 y^6 - 84 y^4 z^2 + 168 y^2 z^4 - 64 z^6 \right) \right)$	$\frac{1}{4} z \left(63 x^{10} - 756 y^{10} + 12 327 y^8 z^2 - 38 136 y^6 z^4 + 30 816 y^4 z^6 - 6016 y^2 z^8 + 128 z^{10} - 21 x^8 \left(24 y^2 + 37 z^2 \right) - 294 x^6 \left(9 y^4 - 34 y^2 z^2 - 4 z^4 \right) - 18 x^4 \left(238 y^6 - 1925 y^4 z^2 + 1988 y^2 z^4 - 48 z^6 \right) + x^2 \left(-2961 y^8 + 36 204 y^6 z^2 - 75 096 y^4 z^4 + 31 680 y^2 z^6 - 1024 z^8 \right) \right)$
0	$-\frac{3}{4} \sqrt{\frac{11}{16}} y \left(21 x^{10} + 21 y^{10} - 1260 y^8 z^2 + 8400 y^6 z^4 - 13 440 y^4 z^6 + 5760 y^2 z^8 - 512 z^{10} + 105 x^8 \left(y^2 - 12 z^2 \right) + 210 x^6 \left(y^4 - 24 y^2 z^2 + 40 z^4 \right) + 210 x^4 \left(y^6 - 36 y^4 z^2 + 120 y^2 z^4 - 64 z^6 \right) + 15 x^2 \left(7 y^8 - 336 y^6 z^2 + 1680 y^4 z^4 - 1792 y^2 z^6 + 384 z^8 \right) \right)$	0
1	$-\frac{39}{4} x y z \left(21 x^8 + 21 y^8 - 336 y^6 z^2 + 1008 y^4 z^4 - 768 y^2 z^6 + 128 z^8 + 84 x^6 \left(y^2 - 4 z^2 \right) + 126 x^4 \left(y^4 - 8 y^2 z^2 + 8 z^4 \right) + 12 x^2 \left(7 y^6 - 84 y^4 z^2 + 168 y^2 z^4 - 64 z^6 \right) \right)$	$\frac{1}{4} z \left(63 x^{10} - 756 y^{10} + 12 327 y^8 z^2 - 38 136 y^6 z^4 + 30 816 y^4 z^6 - 6016 y^2 z^8 + 128 z^{10} - 21 x^8 \left(24 y^2 + 37 z^2 \right) - 294 x^6 \left(9 y^4 - 34 y^2 z^2 - 4 z^4 \right) - 18 x^4 \left(238 y^6 - 1925 y^4 z^2 + 1988 y^2 z^4 - 48 z^6 \right) + x^2 \left(-2961 y^8 + 36 204 y^6 z^2 - 75 096 y^4 z^4 + 31 680 y^2 z^6 - 1024 z^8 \right) \right)$
2	$\frac{1}{8} \sqrt{3} y \left(105 x^{10} - 77 y^{10} + 4438 y^8 z^2 - 27 888 y^6 z^4 + 40 544 y^4 z^6 - 14 464 y^2 z^8 + 768 z^{10} + 7 x^8 \left(49 y^2 - 822 z^2 \right) + 14 x^6 \left(23 y^4 - 916 y^2 z^2 + 2376 z^4 \right) - 42 x^4 \left(y^6 + 94 y^4 z^2 - 920 y^2 z^4 + 976 z^6 \right) + x^2 \left(-203 y^8 + 7560 y^6 z^2 - 22 512 y^4 z^4 - 448 y^2 z^6 + 8832 z^8 \right) \right)$	$-\frac{1}{4} \sqrt{3} x \left(7 x^{10} - 84 y^{10} + 4767 y^8 z^2 - 29 232 y^6 z^4 + 40 656 y^4 z^6 - 13 056 y^2 z^8 + 384 z^{10} - 7 x^8 \left(8 y^2 + 47 z^2 \right) - 42 x^6 \left(7 y^4 - 90 y^2 z^2 - 32 z^4 \right) - 14 x^4 \left(34 y^6 - 951 y^4 z^2 + 1896 y^2 z^4 + 8 z^6 \right) + x^2 \left(-329 y^8 + 13 972 y^6 z^2 - 57 120 y^4 z^4 + 40 544 y^2 z^6 - 1408 z^8 \right) \right)$
3	$\frac{3}{2} \sqrt{\frac{39}{2}} x y z \left(49 x^8 - 91 y^8 + 1316 y^6 z^2 - 3360 y^4 z^4 + 1888 y^2 z^6 - 128 z^8 + 28 x^6 \left(2 y^2 - 23 z^2 \right) - 14 x^4 \left(9 y^4 - 2 y^2 z^2 - 96 z^4 \right) - 4 x^2 \left(56 y^6 - 497 y^4 z^2 + 504 y^2 z^4 + 88 z^6 \right) \right)$	$\frac{3}{2} \sqrt{\frac{39}{2}} z \left(-7 x^{10} - 28 y^{10} + 413 y^8 z^2 - 1092 y^6 z^4 + 664 y^4 z^6 - 64 y^2 z^8 + x^8 \left(84 y^2 + 77 z^2 \right) + 14 x^6 \left(19 y^4 - 94 y^2 z^2 - 6 z^4 \right) + 2 x^4 \left(112 y^6 - 1225 y^4 z^2 + 1722 y^2 z^4 - 52 z^6 \right) + x^2 \left(21 y^8 - 644 y^6 z^2 + 2436 y^4 z^4 - 1680 y^2 z^6 + 64 z^8 \right) \right)$
4	$-\frac{1}{4} \sqrt{39} y \left(27 x^{10} - x^8 \left(y^2 + 1212 z^2 \right) + x^6 \left(-154 y^4 + 1568 y^2 z^2 + 4872 z^4 \right) - 6 x^4 \left(31 y^6 - 1036 y^4 z^2 + 2380 y^2 z^4 + 336 z^6 \right) + x^2 \left(-49 y^8 + 2880 y^6 z^2 - 16 296 y^4 z^4 + 16 576 y^2 z^6 - 1344 z^8 \right) + y^2 \left(11 y^8 - 556 y^6 z^2 + 2856 y^4 z^4 - 2912 y^2 z^6 + 448 z^8 \right) \right)$	$\sqrt{39} x \left(x^{10} - x^8 \left(14 y^2 + 41 z^2 \right) - 18 x^6 \left(2 y^4 - 40 y^2 z^2 - 7 z^4 \right) - 14 x^4 \left(y^6 - 69 y^4 z^2 + 249 y^2 z^4 - 4 z^6 \right) + x^2 \left(19 y^8 - 392 y^6 z^2 - 630 y^4 z^4 + 2576 y^2 z^6 - 112 z^8 \right) + 3 y^2 \left(4 y^8 - 199 y^6 z^2 + 994 y^4 z^4 - 952 y^2 z^6 + 112 z^8 \right) \right)$
5	$-\frac{1}{2} \sqrt{\frac{39}{10}} x y z \left(555 x^8 - 180 x^6 \left(8 y^2 + 29 z^2 \right) + x^4 \left(-3570 y^4 + 21 980 y^2 z^2 + 4368 z^4 \right) - 20 x^2 \left(30 y^6 - 805 y^4 z^2 + 1904 y^2 z^4 - 168 z^6 \right) + 15 \left(65 y^8 - 740 y^6 z^2 + 1232 y^4 z^4 - 224 y^2 z^6 \right) \right)$	$\frac{1}{2} \sqrt{\frac{39}{10}} z \left(75 x^{10} - 180 y^{10} + 2095 y^8 z^2 - 3668 y^6 z^4 + 840 y^4 z^6 - 125 x^8 \left(12 y^2 + 5 z^2 \right) - 70 x^6 \left(15 y^4 - 230 y^2 z^2 - 2 z^4 \right) + 210 x^4 \left(12 y^6 - 35 y^4 z^2 - 94 y^2 z^4 + 4 z^6 \right) + 5 x^2 \left(363 y^8 - 4396 y^6 z^2 + 7476 y^4 z^4 - 1008 y^2 z^6 \right) \right)$
6	$\frac{3}{8} \sqrt{\frac{39}{2}} y \left(47 x^{10} - 11 y^{10} + 426 y^8 z^2 - 1376 y^6 z^4 + 448 y^4 z^6 - x^8 \left(191 y^2 + 1542 z^2 \right) + x^6 \left(-322 y^4 + 8568 y^2 z^2 + 2912 z^4 \right) + 2 x^4 \left(53 y^6 + 1302 y^4 z^2 - 12 880 y^2 z^4 + 1120 z^6 \right) + x^2 \left(179 y^8 - 7080 y^6 z^2 + 22 176 y^4 z^4 - 4480 y^2 z^6 \right) \right)$	$-\frac{3}{4} \sqrt{\frac{39}{2}} x \left(3 x^{10} - 36 y^{10} + 1371 y^8 z^2 - 4256 y^6 z^4 + 1120 y^4 z^6 - 3 x^8 \left(24 y^2 + 31 z^2 \right) + 2 x^6 \left(y^4 + 1290 y^2 z^2 + 64 z^4 \right) + 14 x^4 \left(14 y^6 - 213 y^4 z^2 - 432 y^2 z^4 + 16 z^6 \right) + x^2 \left(83 y^8 - 4284 y^6 z^2 + 15 680 y^4 z^4 - 2240 y^2 z^6 \right) \right)$
7	$\frac{1}{4} \sqrt{\frac{663}{2}} x y z \left(183 x^8 - 12 x^6 \left(109 y^2 + 74 z^2 \right) + 14 x^4 \left(15 y^4 + 604 y^2 z^2 - 48 z^4 \right) + 28 x^2 \left(51 y^6 - 382 y^4 z^2 + 80 y^2 z^4 \right) - 21 \left(13 y^8 - 88 y^6 z^2 + 32 y^4 z^4 \right) \right)$	$\frac{1}{4} \sqrt{\frac{663}{2}} z \left(-21 x^{10} - 36 y^{10} + 251 y^8 z^2 - 112 y^6 z^4 + 7 x^8 \left(96 y^2 + 13 z^2 \right) - 14 x^6 \left(93 y^4 + 262 y^2 z^2 - 8 z^4 \right) - 42 x^4 \left(26 y^6 - 285 y^4 z^2 + 40 y^2 z^4 \right) + x^2 \left(867 y^8 - 5908 y^6 z^2 + 1680 y^4 z^4 \right) \right)$
8	$\frac{1}{8} \sqrt{221} y \left(-75 x^{10} - 11 y^{10} + 244 y^8 z^2 - 144 y^6 z^4 + 3 x^8 \left(227 y^2 + 444 z^2 \right) - 42 x^6 \left(11 y^4 + 344 y^2 z^2 - 24 z^4 \right) - 18 x^4 \left(47 y^6 - 1372 y^4 z^2 + 280 y^2 z^4 \right) + x^2 \left(361 y^8 - 7920 y^6 z^2 + 3024 y^4 z^4 \right) \right)$	$-\sqrt{221} x \left(x^{10} - x^8 \left(38 y^2 + 17 z^2 \right) + 18 x^6 \left(6 y^4 + 40 y^2 z^2 - z^4 \right) + 3 y^6 \left(4 y^4 - 87 y^2 z^2 + 42 z^4 \right) + 42 x^4 \left(y^6 - 69 y^4 z^2 + 9 y^2 z^4 \right) - 3 x^2 \left(31 y^8 - 728 y^6 z^2 + 210 y^4 z^4 \right) \right)$
9	$-\frac{3}{4} \sqrt{\frac{4199}{2}} x y z \left(31 x^8 + 39 y^8 - 24 y^6 z^2 + x^6 \left(-396 y^2 + 24 z^2 \right) + 42 x^4 \left(21 y^4 - 4 y^2 z^2 \right) + x^2 \left(-444 y^6 + 168 y^4 z^2 \right) \right)$	$\frac{3}{4} \sqrt{\frac{4199}{2}} z \left(3 x^{10} - 4 y^{10} + 3 y^8 z^2 + 3 x^8 \left(-48 y^2 + z^2 \right) + 42 x^6 \left(17 y^4 - 2 y^2 z^2 \right) - 42 x^4 \left(18 y^6 - 5 y^4 z^2 \right) + 3 x^2 \left(57 y^8 - 28 y^6 z^2 \right) \right)$
10	$\frac{1}{8} \sqrt{\frac{4199}{10}} y \left(111 x^{10} - 11 y^{10} + 10 y^8 z^2 + x^8 \left(-1695 y^2 + 90 z^2 \right) + 210 x^6 \left(23 y^4 - 4 y^2 z^2 \right) - 90 x^4 \left(39 y^6 - 14 y^4 z^2 \right) + 5 x^2 \left(119 y^8 - 72 y^6 z^2 \right) \right)$	$-\frac{1}{4} \sqrt{\frac{4199}{10}} x \left(5 x^{10} - 60 y^{10} + 45 y^8 z^2 + 5 x^8 \left(-56 y^2 + z^2 \right) + 90 x^6 \left(19 y^4 - 2 y^2 z^2 \right) - 42 x^4 \left(58 y^6 - 15 y^4 z^2 \right) + 15 x^2 \left(59 y^8 - 28 y^6 z^2 \right) \right)$

n=10 Bz (A10/r^A23) :

	Re	Im
-10	$\frac{21}{8} \sqrt{\frac{4199}{10}} \left(x^{10} - 45 x^8 y^2 + 210 x^6 y^4 - 210 x^4 y^6 + 45 x^2 y^8 - y^{10} \right) z$	$-\frac{21}{4} \sqrt{\frac{4199}{10}} x y \left(5 x^8 - 60 x^6 y^2 + 126 x^4 y^4 - 60 x^2 y^6 + 5 y^8 \right) z$
-9	$-\frac{1}{4} \sqrt{\frac{4199}{2}} x \left(x^8 - 36 x^6 y^2 + 126 x^4 y^4 - 84 x^2 y^6 + 9 y^8 \right) \left(x^2 + y^2 - 20 z^2 \right)$	$\frac{1}{4} \sqrt{\frac{4199}{2}} y \left(9 x^8 - 84 x^6 y^2 + 126 x^4 y^4 - 36 x^2 y^6 + y^8 \right) \left(x^2 + y^2 - 20 z^2 \right)$
-8	$-\frac{57}{8} \sqrt{221} \left(x^8 - 28 x^6 y^2 + 70 x^4 y^4 - 28 x^2 y^6 + y^8 \right) z \left(x^2 + y^2 - 6 z^2 \right)$	$57 \sqrt{221} x y \left(x^6 - 7 x^4 y^2 + 7 x^2 y^4 - y^6 \right) z \left(x^2 + y^2 - 6 z^2 \right)$
-7	$\frac{3}{4} \sqrt{\frac{663}{2}} x \left(x^6 - 21 x^4 y^2 + 35 x^2 y^4 - 7 y^6 \right) \left(x^4 + y^4 - 36 y^2 z^2 + 96 z^4 + 2 x^2 \left(y^2 - 18 z^2 \right) \right)$	$\frac{3}{4} \sqrt{\frac{663}{2}} y \left(-7 x^6 + 35 x^4 y^2 - 21 x^2 y^4 + y^6 \right) \left(x^4 + y^4 - 36 y^2 z^2 + 96 z^4 + 2 x^2 \left(y^2 - 18 z^2 \right) \right)$
-6	$\frac{17}{8} \sqrt{\frac{39}{2}} \left(x^6 - 15 x^4 y^2 + 15 x^2 y^4 - y^6 \right) z \left(15 x^4 + 15 y^4 - 160 y^2 z^2 + 224 z^4 + 10 x^2 \left(3 y^2 - 16 z^2 \right) \right)$	$-\frac{17}{4} \sqrt{\frac{39}{2}} x y \left(3 x^4 - 10 x^2 y^2 + 3 y^4 \right) z \left(15 x^4 + 15 y^4 - 160 y^2 z^2 + 224 z^4 + 10 x^2 \left(3 y^2 - 16 z^2 \right) \right)$
-5	$-\frac{3}{2} \sqrt{\frac{39}{10}} x \left(x^4 - 10 x^2 y^2 + 5 y^4 \right) \left(5 x^6 + 5 y^6 - 240 y^4 z^2 + 1120 y^2 z^4 - 896 z^6 + 15 x^4 \left(y^2 - 16 z^2 \right) + 5 x^2 \left(3 y^4 - 96 y^2 z^2 + 224 z^4 \right) \right)$	$\frac{3}{2} \sqrt{\frac{39}{10}} y \left(5 x^4 - 10 x^2 y^2 + y^4 \right) \left(5 x^6 + 5 y^6 - 240 y^4 z^2 + 1120 y^2 z^4 - 896 z^6 + 15 x^4 \left(y^2 - 16 z^2 \right) + 5 x^2 \left(3 y^4 - 96 y^2 z^2 + 224 z^4 \right) \right)$
-4	$-\frac{21}{4} \sqrt{39} \left(x^4 - 6 x^2 y^2 + y^4 \right) z \left(5 x^6 + 5 y^6 - 70 y^4 z^2 + 168 y^2 z^4 - 80 z^6 + 5 x^4 \left(3 y^2 - 14 z^2 \right) + x^2 \left(15 y^4 - 140 y^2 z^2 + 168 z^4 \right) \right)$	$21 \sqrt{39} x y \left(x^2 - y^2 \right) z \left(5 x^6 + 5 y^6 - 70 y^4 z^2 + 168 y^2 z^4 - 80 z^6 + 5 x^4 \left(3 y^2 - 14 z^2 \right) + x^2 \left(15 y^4 - 140 y^2 z^2 + 168 z^4 \right) \right)$
-3	$\frac{7}{2} \sqrt{\frac{39}{2}} x \left(x^2 - 3 y^2 \right) \left(x^8 + y^8 - 56 y^6 z^2 + 336 y^4 z^4 - 448 y^2 z^6 + 128 z^8 + 4 x^6 \left(y^2 - 14 z^2 \right) - 6 x^4 \left(y^4 - 28 y^2 z^2 + 56 z^4 \right) + 4 x^2 \left(y^6 - 42 y^4 z^2 + 168 y^2 z^4 - 112 z^6 \right) \right)$	$\frac{7}{2} \sqrt{\frac{39}{2}} y \left(-3 x^2 + y^2 \right) \left(x^8 + y^8 - 56 y^6 z^2 + 336 y^4 z^4 - 448 y^2 z^6 + 128 z^8 + 4 x^6 \left(y^2 - 14 z^2 \right) + 6 x^4 \left(y^4 - 28 y^2 z^2 + 56 z^4 \right) + 4 x^2 \left(y^6 - 42 y^4 z^2 + 168 y^2 z^4 - 112 z^6 \right) \right)$
-2	$\frac{39}{8} \sqrt{3} \left(x^2 - y^2 \right) z \left(21 x^8 + 21 y^8 - 336 y^6 z^2 + 1008 y^4 z^4 - 768 y^2 z^6 + 128 z^8 + 84 x^6 \left(y^2 - 4 z^2 \right) + 126 x^4 \left(y^4 - 8 y^2 z^2 + 8 z^4 \right) + 12 x^2 \left(7 y^6 - 84 y^4 z^2 + 168 y^2 z^4 - 64 z^6 \right) \right)$	$-\frac{39}{4} \sqrt{3} x y z \left(21 x^8 + 21 y^8 - 336 y^6 z^2 + 1008 y^4 z^4 - 768 y^2 z^6 + 128 z^8 + 84 x^6 \left(y^2 - 4 z^2 \right) + 126 x^4 \left(y^4 - 8 y^2 z^2 + 8 z^4 \right) + 12 x^2 \left(7 y^6 - 84 y^4 z^2 + 168 y^2 z^4 - 64 z^6 \right) \right)$
-1	$-\frac{3}{4} x \left(21 x^{10} + 21 y^{10} - 1260 y^8 z^2 + 8400 y^6 z^4 - 13440 y^4 z^6 + 5760 y^2 z^8 - 512 z^{10} + 105 x^8 \left(y^2 - 12 z^2 \right) + 210 x^6 \left(y^4 - 24 y^2 z^2 + 40 z^4 \right) + 210 x^4 \left(y^6 - 36 y^4 z^2 + 120 y^2 z^4 - 64 z^6 \right) + 15 x^2 \left(7 y^8 - 336 y^6 z^2 + 1680 y^4 z^4 - 1792 y^2 z^6 + 384 z^8 \right) \right)$	$\frac{3}{4} y \left(21 x^{10} + 21 y^{10} - 1260 y^8 z^2 + 8400 y^6 z^4 - 13440 y^4 z^6 + 5760 y^2 z^8 - 512 z^{10} + 105 x^8 \left(y^2 - 12 z^2 \right) + 210 x^6 \left(y^4 - 24 y^2 z^2 + 40 z^4 \right) + 210 x^4 \left(y^6 - 36 y^4 z^2 + 120 y^2 z^4 - 64 z^6 \right) + 15 x^2 \left(7 y^8 - 336 y^6 z^2 + 1680 y^4 z^4 - 1792 y^2 z^6 + 384 z^8 \right) \right)$
0	$\frac{1}{4} \sqrt{\frac{11}{10}} z \left(-693 x^{10} - 693 y^{10} + 11550 y^8 z^2 - 36960 y^6 z^4 + 31680 y^4 z^6 - 7040 y^2 z^8 + 256 z^{10} - 1155 x^8 \left(3 y^2 - 10 z^2 \right) - 2310 x^6 \left(3 y^4 - 20 y^2 z^2 + 16 z^4 \right) - 990 x^4 \left(7 y^6 - 70 y^4 z^2 + 112 y^2 z^4 - 32 z^6 \right) - 55 x^2 \left(63 y^8 - 840 y^6 z^2 + 2016 y^4 z^4 - 1152 y^2 z^6 + 128 z^8 \right) \right)$	0
1	$\frac{3}{4} x \left(21 x^{10} + 21 y^{10} - 1260 y^8 z^2 + 8400 y^6 z^4 - 13440 y^4 z^6 + 5760 y^2 z^8 - 512 z^{10} + 105 x^8 \left(y^2 - 12 z^2 \right) + 210 x^6 \left(y^4 - 24 y^2 z^2 + 40 z^4 \right) + 210 x^4 \left(y^6 - 36 y^4 z^2 + 120 y^2 z^4 - 64 z^6 \right) + 15 x^2 \left(7 y^8 - 336 y^6 z^2 + 1680 y^4 z^4 - 1792 y^2 z^6 + 384 z^8 \right) \right)$	$\frac{3}{4} y \left(21 x^{10} + 21 y^{10} - 1260 y^8 z^2 + 8400 y^6 z^4 - 13440 y^4 z^6 + 5760 y^2 z^8 - 512 z^{10} + 105 x^8 \left(y^2 - 12 z^2 \right) + 210 x^6 \left(y^4 - 24 y^2 z^2 + 40 z^4 \right) + 210 x^4 \left(y^6 - 36 y^4 z^2 + 120 y^2 z^4 - 64 z^6 \right) + 15 x^2 \left(7 y^8 - 336 y^6 z^2 + 1680 y^4 z^4 - 1792 y^2 z^6 + 384 z^8 \right) \right)$
2	$\frac{39}{8} \sqrt{3} \left(x^2 - y^2 \right) z \left(21 x^8 + 21 y^8 - 336 y^6 z^2 + 1008 y^4 z^4 - 768 y^2 z^6 + 128 z^8 + 84 x^6 \left(y^2 - 4 z^2 \right) + 126 x^4 \left(y^4 - 8 y^2 z^2 + 8 z^4 \right) + 12 x^2 \left(7 y^6 - 84 y^4 z^2 + 168 y^2 z^4 - 64 z^6 \right) \right)$	$\frac{39}{4} \sqrt{3} x y z \left(21 x^8 + 21 y^8 - 336 y^6 z^2 + 1008 y^4 z^4 - 768 y^2 z^6 + 128 z^8 + 84 x^6 \left(y^2 - 4 z^2 \right) + 126 x^4 \left(y^4 - 8 y^2 z^2 + 8 z^4 \right) + 12 x^2 \left(7 y^6 - 84 y^4 z^2 + 168 y^2 z^4 - 64 z^6 \right) \right)$
3	$-\frac{7}{2} \sqrt{\frac{39}{2}} x \left(x^2 - 3 y^2 \right) \left(x^8 + y^8 - 56 y^6 z^2 + 336 y^4 z^4 - 448 y^2 z^6 + 128 z^8 + 4 x^6 \left(y^2 - 14 z^2 \right) + 6 x^4 \left(y^4 - 28 y^2 z^2 + 56 z^4 \right) + 4 x^2 \left(y^6 - 42 y^4 z^2 + 168 y^2 z^4 - 112 z^6 \right) \right)$	$\frac{7}{2} \sqrt{\frac{39}{2}} y \left(-3 x^2 + y^2 \right) \left(x^8 + y^8 - 56 y^6 z^2 + 336 y^4 z^4 - 448 y^2 z^6 + 128 z^8 + 4 x^6 \left(y^2 - 14 z^2 \right) + 6 x^4 \left(y^4 - 28 y^2 z^2 + 56 z^4 \right) + 4 x^2 \left(y^6 - 42 y^4 z^2 + 168 y^2 z^4 - 112 z^6 \right) \right)$
4	$-\frac{21}{4} \sqrt{39} \left(x^4 - 6 x^2 y^2 + y^4 \right) z \left(5 x^6 + 5 y^6 - 70 y^4 z^2 + 168 y^2 z^4 - 80 z^6 + 5 x^4 \left(3 y^2 - 14 z^2 \right) + x^2 \left(15 y^4 - 140 y^2 z^2 + 168 z^4 \right) \right)$	$-21 \sqrt{39} x y \left(x^2 - y^2 \right) z \left(5 x^6 + 5 y^6 - 70 y^4 z^2 + 168 y^2 z^4 - 80 z^6 + 5 x^4 \left(3 y^2 - 14 z^2 \right) + x^2 \left(15 y^4 - 140 y^2 z^2 + 168 z^4 \right) \right)$
5	$\frac{3}{2} \sqrt{\frac{39}{10}} x \left(x^4 - 10 x^2 y^2 + 5 y^4 \right) \left(5 x^6 + 5 y^6 - 240 y^4 z^2 + 1120 y^2 z^4 - 896 z^6 + 15 x^4 \left(y^2 - 16 z^2 \right) + 5 x^2 \left(3 y^4 - 96 y^2 z^2 + 224 z^4 \right) \right)$	$\frac{3}{2} \sqrt{\frac{39}{10}} y \left(5 x^4 - 10 x^2 y^2 + y^4 \right) \left(5 x^6 + 5 y^6 - 240 y^4 z^2 + 1120 y^2 z^4 - 896 z^6 + 15 x^4 \left(y^2 - 16 z^2 \right) + 5 x^2 \left(3 y^4 - 96 y^2 z^2 + 224 z^4 \right) \right)$
6	$\frac{17}{8} \sqrt{\frac{39}{2}} \left(x^6 - 15 x^4 y^2 + 15 x^2 y^4 - y^6 \right) z \left(15 x^4 + 15 y^4 - 160 y^2 z^2 + 224 z^4 + 10 x^2 \left(3 y^2 - 16 z^2 \right) \right)$	$\frac{17}{4} \sqrt{\frac{39}{2}} x y \left(3 x^4 - 10 x^2 y^2 + 3 y^4 \right) z \left(15 x^4 + 15 y^4 - 160 y^2 z^2 + 224 z^4 + 10 x^2 \left(3 y^2 - 16 z^2 \right) \right)$
7	$-\frac{3}{4} \sqrt{\frac{663}{2}} x \left(x^6 - 21 x^4 y^2 + 35 x^2 y^4 - 7 y^6 \right) \left(x^4 + y^4 - 36 y^2 z^2 + 96 z^4 + 2 x^2 \left(y^2 - 18 z^2 \right) \right)$	$\frac{3}{4} \sqrt{\frac{663}{2}} y \left(-7 x^6 + 35 x^4 y^2 - 21 x^2 y^4 + y^6 \right) \left(x^4 + y^4 - 36 y^2 z^2 + 96 z^4 + 2 x^2 \left(y^2 - 18 z^2 \right) \right)$
8	$-\frac{57}{8} \sqrt{221} \left(x^8 - 28 x^6 y^2 + 70 x^4 y^4 - 28 x^2 y^6 + y^8 \right) z \left(x^2 + y^2 - 6 z^2 \right)$	$-57 \sqrt{221} x y \left(x^6 - 7 x^4 y^2 + 7 x^2 y^4 - y^6 \right) z \left(x^2 + y^2 - 6 z^2 \right)$
9	$\frac{1}{4} \sqrt{\frac{4199}{2}} x \left(x^8 - 36 x^6 y^2 + 126 x^4 y^4 - 84 x^2 y^6 + 9 y^8 \right) \left(x^2 + y^2 - 20 z^2 \right)$	$\frac{1}{4} \sqrt{\frac{4199}{2}} y \left(9 x^8 - 84 x^6 y^2 + 126 x^4 y^4 - 36 x^2 y^6 + y^8 \right) \left(x^2 + y^2 - 20 z^2 \right)$
10	$\frac{21}{8} \sqrt{\frac{4199}{10}} \left(x^{10} - 45 x^8 y^2 + 210 x^6 y^4 - 210 x^4 y^6 + 45 x^2 y^8 - y^{10} \right) z$	$\frac{21}{4} \sqrt{\frac{4199}{10}} x y \left(5 x^8 - 60 x^6 y^2 + 126 x^4 y^4 - 60 x^2 y^6 + 5 y^8 \right) z$

```
In[51]:= (*Print U_pq values*)
U[p_, q_] := 1 / (Sqrt[4 Pi] * MaxValue[SphericalHarmonicY[p, -q, 0, {0}], {0}]);
For[p = 1, p <= 10, p++,
  Print["\n U_pq for p = ", p];
  For[q = 0, q <= p, q++,
    Print["q = ", q, ", ", U[p, q] // FullSimplify, " "];
  ];];

U_pq for p = 1
q = 0, 1/Sqrt[3]
q = 1, Sqrt[2/3]

U_pq for p = 2
q = 0, 1/Sqrt[5]
MaxValue: Unable to decide whether numeric quantity Cos[2 ArcTan[1 - Power[<<2>>]]] Sin[2 ArcTan[1 - Power[<<2>>]]] - Cos[2 ArcTan[1 + Sqrt[2]]] Sin[2 ArcTan[1 + Sqrt[2]]] is equal to zero. Assuming it is.
q = 1, 2 Sqrt[2/15]
q = 2, 2 Sqrt[2/15]

U_pq for p = 3
q = 0, 1/Sqrt[7]
MaxValue: Unable to decide whether numeric quantity Sin[2 ArcTan[Root[1 + Times[<<2>>] + Power[<<2>>] &, 3, 0]]] - 5 Cos[2 ArcTan[Root[<<1>>] &, 3, 0]]^2 Sin[2 ArcTan[Root[Plus[<<3>>] &, 3, 0]]] - Sin[2 ArcTan[Root[Plus[<<3>>] &, 4, 0]]] + 5 Cos[2 ArcTan[Root[<<1>>] &, 4, 0]]^2 Sin[2 ArcTan[Root[Plus[<<3>>] &, 4, 0]]] is equal to zero. Assuming it is.
q = 1, 3 Sqrt[5/7]
MaxValue: Unable to decide whether numeric quantity -Cos[2 ArcTan[Root[Plus[<<3>>] &, 2, 0]]] Sin[2 ArcTan[Root[<<1>>] &, 2, 0]]^2 + Cos[2 ArcTan[Root[Plus[<<3>>] &, 3, 0]]] Sin[2 ArcTan[Root[<<1>>] &, 3, 0]]^2 is equal to zero. Assuming it is.
General: Further output of MaxValue::ztest1 will be suppressed during this calculation.
```


$q = 2, 3 \sqrt{\frac{2}{35}}$

$q = 3, \frac{4}{\sqrt{35}}$

U_pq for p = 4

$q = 0, \frac{1}{3}$

$q = 1, \frac{1}{36} \sqrt{\frac{1}{10} \left(6729 - 131 \sqrt{393} \right)}$

 **MaxValue:** Unable to decide whether numeric quantities $\left[\text{Sin}[2 \text{ ArcTan}[\text{Root}[\llbracket 1 \rrbracket \&, 1, 0]]]^2 - 7 \text{ Cos}[2 \text{ ArcTan}[\text{Root}[\llbracket 3 \rrbracket]]]^2 \text{ Sin}[2 \text{ ArcTan}[\text{Root}[\llbracket 3 \rrbracket]]]^2 - \text{Sin}[2 \text{ ArcTan}[\text{Root}[\llbracket 3 \rrbracket]]]^2 + 7 \text{ Cos}[2 \text{ ArcTan}[\text{Root}[\llbracket 3 \rrbracket]]]^2 \text{ Sin}[2 \text{ ArcTan}[\text{Root}[\llbracket 3 \rrbracket]]]^2, \llbracket 1 \rrbracket, \text{Sin}[2 \text{ ArcTan}[\text{Root}[\llbracket 1 \rrbracket \&, 1, 0]]]^2 - 7 \llbracket 1 \rrbracket^2 \text{ Sin}[\llbracket 1 \rrbracket]^2 - \llbracket 1 \rrbracket^2 + 7 \text{ Cos}[\llbracket 1 \rrbracket]^2 \text{ Sin}[2 \text{ ArcTan}[\text{Root}[\llbracket 3 \rrbracket]]]^2 \right]$ are equal to zero. Assuming they are.

$$q = 2, \frac{28 \sqrt{\frac{2}{5}}}{27}$$

$$q = 3, \frac{64}{9 \sqrt{105}}$$

$$q = 4, \frac{8 \sqrt{\frac{2}{35}}}{3}$$

U_pq for p = 5

$$q = 0, \frac{1}{\sqrt{11}}$$

$$q = 1, \frac{1}{4} \sqrt{\frac{399}{55} - \frac{\sqrt{231}}{5}}$$

$$q = 2, \sqrt{\frac{2}{385} \left(102 - 7 \sqrt{21} \right)}$$

$$q = 3, \frac{75 \sqrt{\frac{3}{154}}}{16}$$

$$q = 4, \frac{25}{3 \sqrt{154}}$$

$$q = 5, \frac{16}{3 \sqrt{77}}$$

U_pq for p = 6

$$q = 0, \frac{1}{\sqrt{13}}$$

$$q = 1, \text{0.473...}$$

MaxValue: Unable to decide whether numeric quantities $\left\{ -\text{Sin}[2 \text{ArcTan}[\text{Root}[\llcorner 3 \rrcorner]]]^2 + 18 \text{Cos}[2 \text{ArcTan}[\text{Root}[\llcorner 3 \rrcorner]]]^2 \text{Sin}[2 \text{ArcTan}[\text{Root}[\llcorner 3 \rrcorner]]]^2 - 33 \text{Cos}[\llcorner 1 \rrcorner]^4 \text{Sin}[2 \text{ArcTan}[\text{Root}[\llcorner 3 \rrcorner]]]^2 + \text{Sin}[2 \llcorner 1 \rrcorner]^2 - 18 \text{Cos}[2 \text{ArcTan}[\text{Root}[\llcorner 3 \rrcorner]]]^2 \text{Sin}[2 \text{ArcTan}[\text{Root}[\llcorner 3 \rrcorner]]]^2 + 33 \text{Cos}[2 \text{ArcTan}[\text{Root}[\llcorner 3 \rrcorner]]]^4 \text{Sin}[2 \text{ArcTan}[\text{Root}[\llcorner 3 \rrcorner]]]^2, -\llcorner 1 \rrcorner^2 + \llcorner 6 \rrcorner + \llcorner 1 \rrcorner, \llcorner 1 \rrcorner \right\}$ are equal to zero. Assuming they are.

$$q = 2, \frac{3}{20} \sqrt{\frac{3}{91} \left(25 - 2 \sqrt{5} \right)}$$

$$q = 3, \frac{1}{32} \sqrt{\frac{729893 - 17399 \sqrt{137}}{1365}}$$

MaxValue: Unable to decide whether numeric quantities $\left\{ \text{Sin}[2 \text{ArcTan}[\text{Root}[\llcorner 1 \rrcorner \&, 1, 0]]]^4 - 11 \text{Cos}[2 \text{ArcTan}[\text{Root}[\llcorner 3 \rrcorner]]]^2 \text{Sin}[2 \text{ArcTan}[\text{Root}[\llcorner 3 \rrcorner]]]^4 - \text{Sin}[2 \text{ArcTan}[\text{Root}[\llcorner 3 \rrcorner]]]^4 + 11 \text{Cos}[2 \text{ArcTan}[\text{Root}[\llcorner 3 \rrcorner]]]^2 \text{Sin}[2 \text{ArcTan}[\text{Root}[\llcorner 3 \rrcorner]]]^4, \llcorner 1 \rrcorner, \text{Sin}[2 \text{ArcTan}[\text{Root}[\llcorner 1 \rrcorner \&, 1, 0]]]^4 - 11 \llcorner 1 \rrcorner^2 \llcorner 1 \rrcorner^4 - \llcorner 1 \rrcorner^4 + 11 \text{Cos}[2 \llcorner 1 \rrcorner]^2 \text{Sin}[2 \text{ArcTan}[\text{Root}[\llcorner 1 \rrcorner]]]^4 \right\}$ are equal to zero. Assuming they are.

General: Further output of MaxValue::ztest will be suppressed during this calculation.

q = 4, $\frac{1089}{125 \sqrt{182}}$

q = 5, $\frac{1152}{25 \sqrt{5005}}$

q = 6, $\frac{32}{\sqrt{3003}}$

U_pq for p = 7

q = 0, $\frac{1}{\sqrt{15}}$

q = 1,

q = 2,

q = 3, $\frac{\sqrt{\frac{11}{105} \left(14\,940\,035 - 37\,073 \sqrt{15\,565} \right)}}{1800}$

q = 4, $\frac{\sqrt{\frac{1}{385} \left(247\,806\,294 - 5\,978\,768 \sqrt{114} \right)}}{1125}$

q = 5, $\frac{57\,967 \sqrt{\frac{13}{66}}}{40\,500}$

q = 6, $\frac{1372}{81 \sqrt{715}}$

q = 7, $\frac{32 \sqrt{\frac{2}{715}}}{3}$

U_pq for p = 8

q = 0, $\frac{1}{\sqrt{17}}$

q = 1,

q = 2,

q = 3, $\frac{36.1...}{3 \sqrt{595}}$

q = 4,

q = 5, $\frac{26 \left(289 \sqrt{2002} - 37 \sqrt{2618} \right)}{490\,875}$

$q = 5, \frac{1}{600} \sqrt{\frac{15\,108\,014\,551 - 219\,216\,811 \sqrt{281}}{85\,085}}$

$q = 6, \frac{128\,000}{2401 \sqrt{7293}}$

$q = 7, \frac{131\,072 \sqrt{\frac{2}{85\,085}}}{1029}$

$q = 8, \frac{128 \sqrt{\frac{2}{12\,155}}}{3}$

U_pq for p = 9

$q = 0, \frac{1}{\sqrt{19}}$

$q = 1, \text{0.393...}$

$q = 2, \frac{\text{45.3...}}{3 \sqrt{1045}}$

$q = 3, \frac{\text{76.9...}}{\sqrt{21\,945}}$

$q = 4, \text{0.558...}$

$q = 5, \frac{1}{294} \sqrt{\frac{1\,549\,852\,157 - 26\,098\,357 \sqrt{259}}{38\,038}}$

$q = 6, \frac{6 \sqrt{\frac{6 \left(173\,246\,427 - 4184\,039 \sqrt{93}\right)}{13\,585}}}{2401}$

$q = 7, \frac{32\,234\,193 \sqrt{\frac{17}{95\,095}}}{702\,464}$

$q = 8, \frac{6561}{16 \sqrt{461\,890}}$

$q = 9, \frac{256}{\sqrt{230\,945}}$

U_pq for p = 10

$q = 0, \frac{1}{\sqrt{21}}$

q = 1,

$$\frac{1}{2}$$

q = 2,

$$\frac{1}{3}$$

q = 3,

$$\frac{1}{4}$$

q = 4,

$$\frac{1}{5}$$

q = 5,

$$\frac{1}{6}$$

q = 6,

$$\frac{1}{7}$$

q = 7,

$$\frac{1}{8}$$

q = 8,

$$\frac{1}{9}$$

q = 9,

$$\frac{1}{10}$$

q = 10,

$$\frac{1}{11}$$