

**Example 2 :**  $F(x, y) = (-88 + 46i)x^2y^5 + (82 + 8i)xy^4 + (90 + 67i)x^4y^3 + (94 + 10i)x^5y^2 + (97 - 49i)xy^2 + 54ix^3y^4 - (11 + 83i)xy^6 - (52 - 76i)x^4y + (29 - 28i)x^3y^2 - (61 + 84i)xy^3 + (52 - 29i)x^2y - (91 - 42i)x^2y^4 - (11 - 30i)x^4y^2 + (91 - 92i)x^2y^3 - (89 + 49i)x^2y^2 - (50 + 48i)x^5y - (16 + 60i)x^3y - (20 - 61i)xy + 94x^4 + (97 - 24i)x^7 - (9 + 30i)x^6 + (39 - 82i)x^5 + (70 + 15i)xy^5 - (29 - 15i)x^3y^3 + (9 - 62i)x^6y - (97 - 71i)x^3 + (4 + 12i)x^2 + (36 + 4i)x + (24 + 90i)y^6 - (1 - 97i)y^5 - (65 - 63i)y^4 - (91 + 61i)y^3 + (95 - 18i)y^7 - (35 + 14i)y^2 + (43 - 3i)y + 70 - 48i$

Base point : 0.0

Initial fiber :

-0.8459597918 - 0.03843738816  $i$   
-0.7727032480 - 0.6933237429  $i$   
-0.5311137152 + 0.8299871935  $i$   
-0.05787876034 + 0.7933673589  $i$   
0.3600010944 - 1.270126766  $i$   
0.8561727404 + 0.06232617889  $i$   
0.9208858945 - 0.6445372996  $i$

index	value	permutation
1	- 1.142529088- 0.02507105253 i	[1,6]
2	- 1.179447972- 0.02885594265 i	[1,4]
3	- 1.239872344- 0.09091746863 i	[5,6]
4	- 0.4037146879- 0.2120857258 i	[1,3]
5	- 0.7967156606- 0.5007316142 i	[1,3]
6	- 0.5620970127- 0.3976269710 i	[2,5]
7	- 0.6347372057- 0.5683460847 i	[2,6]
8	- 0.5826864322- 0.5357967282 i	[2,3]
9	- 0.4260132147- 0.5594414887 i	[6,7]
10	- 0.4873922789- 1.075246977 i	[3,4]
11	- 0.1161304072- 1.896418579 i	[1,3]
12	- 0.02978560234- 1.039178944 i	[3,6]
13	0.07967656603- 0.9020281741 i	[3,4]
14	0.08900900417- 0.8966654006 i	[6,7]
15	0.1301346991- 1.117370563 i	[2,6]
16	0.1691872103- 1.444246612 i	[5,6]
17	0.1129484427- 0.2161595897 i	[3,4]
18	0.7336400262- 0.4578380897 i	[1,2]
19	0.8013482042- 0.4519742310 i	[1,4]
20	0.7849750860- 0.4202153782 i	[6,7]
21	0.8597219256- 0.3683979355 i	[4,7]
22	0.6742818575- 0.02704208657 i	[5,7]
23	0.8542697771+ 0.3323478559 i	[3,4]
24	0.7282819917+ 0.2981009486 i	[1,2]
25	0.7190434549+ 0.3681000014 i	[1,4]
26	0.8072656296+ 0.4449025139 i	[4,5]
27	0.7743382832+ 0.4510374301 i	[6,7]
28	0.7631801710+ 0.4584405931 i	[4,7]
29	0.7878881888+ 1.381584601 i	[5,7]
30	0.5032295807+ 1.305340842 i	[2,5]
31	0.5154730986+ 1.584122780 i	[3,4]
32	0.4613217680+ 1.443093411 i	[2,4]
33	0.3856122849+ 1.441109410 i	[1,2]
34	0.1941503500+ 1.039761445 i	[4,6]
35	- 0.04495605503+ 0.3740163389 i	[1,2]
36	- 0.3213741883+ 0.5665345419 i	[1,6]
37	- 0.3255522418+ 0.5673586901 i	[6,7]
38	- 0.4774492791+ 0.7580299707 i	[3,4]
39	- 0.3629621591+ 0.5396631252 i	[5,7]
40	- 0.4305498416+ 0.6290066716 i	[1,4]
41	- 2.315255414+ 0.7721145059 i	[1,2]
42	- 1.682856738+ 0.09389837603 i	[5,7]

**Example 3 :**  $F(x, y) = (91 - 35i)xy + (86 + 39i)x^5y - (5 - 87i)x^2y^2 - (6 - 41i)x^2y^4 - (86 - 33i)x^2y^5 - (85 - 66i)x^4y^2 - (12 + 69i)x^2y^3 - (51 + 14i)x^3y^3 - (18 - 90i)x^3y^2 + (5 - 33i)x^3y^4 + (53 - 55i)xy^3 - (29 + 38i)xy^6 - (44 + 40i)x^2y + (65 - 74i)x^5y^2 + (53 - 72i)x^4y^3 + (84 + 5i)x^3y - (87 - 86i)xy^4 - 21ixy^5 + (12 - 67i)x^4y - (3 - 65i)x^6y + (39 + 17i)xy^2 + 27 - 53i + (6 + 3i)x^7 - (89 - 60i)x^6 + (22 - 82i)x^5 - (65 + 78i)x^4 + (52 - 63i)x^3 - (42 + 26i)x^2 + (91 + 93i)y + (67 - 59i)y^2 - (67 - 37i)y^3 - (7 + 55i)y^4 + (7 - 85i)y^5 + (32 + 80i)y^6 + (68 - 43i)y^7 - (89 + 67i)x$

Base point : 0.0

Initial fiber :

$$\begin{aligned}
& -1.0955276719847 - 0.00097874556632908 i \\
& -0.41635323838181 - 0.79812144316139 i \\
& -0.13931368980775 + 0.98569201503119 i \\
& -0.10314573871903 - 1.7863648726029 i \\
& 0.089442345239108 + 0.36036406049572 i \\
& 0.87761861828043 - 0.42991047001769 i \\
& 0.98255204646915 + 0.61633011548470 i
\end{aligned}$$

index	value	permutation
1	- 0.88446982792565948181- 0.071498312008464299334 i	[2,4]
2	- 0.68882810898077788753- 0.057531616932926319889 i	[5,7]
3	- 0.86274008353952313070- 0.078110499084679428389 i	[1,7]
4	- 0.68479107122551201433- 0.063135417228215118238 i	[6,7]
5	- 1.0833425754220020882- 0.12795634377593224553 i	[4,6]
6	- 0.60110670662430790042- 0.076299267079215406030 i	[3,5]
7	- 0.77736392004716294970- 0.10422470924858809771 i	[2,6]
8	- 0.19011322344947334051- 0.72639653751866182406 i	[1,5]
9	- 0.23763628896807504399- 0.91390486379382833399 i	[3,7]
10	- 0.20534540736627152020- 0.86076178659984502205 i	[6,7]
11	- 1.3979298952074133805- 6.0311089484281739964 i	[1,2]
12	- 0.16687916490407971060- 0.74023556443668713626 i	[2,5]
13	- 0.25394193757311198964- 1.1921371373908731011 i	[1,6]
14	- 0.080442916463376375927- 0.82819807274104722513 i	[5,6]
15	0.23533945954075866532- 0.71768923986074637394 i	[2,4]
16	0.24233956410062638874- 0.70951956910816400230 i	[2,6]
17	0.23866434843913684199- 0.64421292248384795412 i	[2,5]
18	0.52146761101241361327- 0.46868801140504085612 i	[1,2]
19	0.76708827611578856963- 0.59877171953414697298 i	[5,6]
20	0.61347595823770926248- 0.37051283066568691693 i	[5,7]
21	1.1380453311074991960- 0.59065914327386819237 i	[1,5]
22	1.1684959552664825384- 0.56576521648726966484 i	[1,3]
23	1.7522191576684787690- 0.17610876808699732939 i	[5,6]
24	2.0866723827764572525- 0.097328956165012527563 i	[4,6]
25	1.3199469289481996752+ 0.41121743115425521471 i	[5,7]
26	0.57623331119073991454+ 0.21359434831682217844 i	[2,4]
27	2.7894373832998807457+ 1.2151113396073662061 i	[1,4]
28	3.2768125447780828172+ 1.6801443981269355975 i	[1,2]
29	0.62477890158731021954+ 0.46055706438709020180 i	[3,5]
30	0.79647128438682767183+ 0.59049645885734126180 i	[1,5]
31	0.57192833987450967805+ 0.77627811425099539204 i	[2,5]
32	0.51660469420727717705+ 0.79812906746372339562 i	[5,6]
33	4.6720831575041352237+ 13.023180895134546905 i	[3,5]
34	0.11255064731112189103+ 0.99047399179271395331 i	[5,7]
35	- 0.15328688866110279714+ 1.0951353862172391230 i	[1,3]
36	- 0.82083331627803543830+ 2.9868336389477486149 i	[2,3]
37	- 0.25794642874001118681+ 0.64832947764358049912 i	[3,5]
38	- 0.62392423711770921629+ 1.1382788570509297240 i	[2,3]
39	- 0.73654741694518275611+ 0.95937070763612443046 i	[3,6]
40	- 0.72974073090827261963+ 0.89837954299900935221 i	[3,7]
41	- 1.6109817874344181434+ 1.4941901319908084944 i	[4,6]
42	- 0.84177883441986711963+ 0.23692283766225212034 i	[3,5]

**Example 4 :**  $F(x, y) = (-25 + 37i)x^4y - (64 - 50i)xy^5 - (76 - 98i)x^3y^4 + (53 + 87i)x^3y^2 + (48 - 14i)x^2y^5 - (36 + 18i)x^2y^3 - (19 + i)x^3y^3 - (29 - 73i)x^3y + (76 - 49i)x^2y^2 + (59 - 96i)x^6y + (48 + 12i)x^5y^2 + (3 - 18i)x^5y + (30 + 19i)x^4y^2 - (100 - 99i)xy + (55 - 85i)x^4y^3 + (61 - 8i)x^2y^4 - (40 - 35i)xy^3 + (66 - 46i)xy^6 + (98 - 50i)x^2y - (20 + 15i)xy^4 + (73 + 52i)xy^2 - (78 + 45i)x^7 - (23 + 49i)x^6 - (47 - 40i)x^5 - (27 - 29i)x^4 + (71 - 10i)x^3 + (98 - 62i)x^2 + (31 + 14i)x - (21 + 90i)y^7 + (95 - 39i)y^6 + (80 + 27i)y^5 - (4 + 65i)y^4 + (75 - 87i)y^3 + (33 - 14i)y^2 - (38 - 100i)y - 39 - 87i$

Base point : 0.0

Initial fiber :

$$\begin{aligned}
 & -1.222912296 - 0.08437724867i \\
 & -0.7667900525 + 0.6463473981i \\
 & -0.5126976217 - 0.9700163328i \\
 & 0.3075861640 - 0.6212369724i \\
 & 0.4505589733 + 0.9308267130i \\
 & 0.6885561897 + 0.2015536641i \\
 & 0.8783189449 - 1.200041374i
 \end{aligned}$$

index	value	permutation
1	- 0.9174106237- 0.01303269579 i	[2,5]
2	- 1.787351022- 0.07393823936 i	[3,5]
3	- 0.6681735682- 0.09639340817 i	[5,6]
4	- 1.261858903- 0.3598391777 i	[4,5]
5	- 0.7698041350- 0.7328323626 i	[5,6]
6	- 1.091503884- 1.063920918 i	[3,4]
7	- 0.6010922560- 0.6284811079 i	[1,2]
8	- 0.7546373517- 0.9723620584 i	[2,3]
9	- 0.6115345082- 0.9491142536 i	[2,6]
10	- 0.2714805880- 0.5365665912 i	[4,7]
11	- 0.5789265594- 1.546890853 i	[4,5]
12	- 0.1637608726- 0.5673026787 i	[4,6]
13	- 0.1905314923- 1.695680109 i	[4,6]
14	0.1077929366- 1.044264247 i	[2,4]
15	0.2531233705- 0.7121430072 i	[3,4]
16	0.9781657699- 1.134443567 i	[2,5]
17	0.4150792660- 0.3323327546 i	[4,7]
18	1.398243881- 1.093318822 i	[1,3]
19	0.8138813281- 0.3543290606 i	[5,6]
20	0.9511522914- 0.2379030569 i	[4,7]
21	1.011254425- 0.2082192291 i	[6,7]
22	0.9492768399- 0.1384294136 i	[3,7]
23	0.9630193316- 0.08186637526 i	[1,3]
24	1.561687462+ 0.1234281590 i	[1,2]
25	1.238617120+ 0.4561762481 i	[5,6]
26	0.4973781358+ 0.1862750006 i	[4,6]
27	0.5485045032+ 0.7447847949 i	[2,4]
28	0.8244883146+ 1.426754676 i	[3,7]
29	0.3586582760+ 0.6281213479 i	[1,4]
30	0.3798672816+ 0.6924104678 i	[3,4]
31	0.5033539914+ 0.9388170406 i	[5,6]
32	0.4190844162+ 0.9816059111 i	[4,6]
33	0.4759373271+ 1.119891299 i	[2,4]
34	0.3789134724+ 1.037853536 i	[1,4]
35	- 0.05620463441+ 0.6722690925 i	[3,4]
36	- 0.3786532097+ 0.8270807236 i	[4,7]
37	- 0.5854773156+ 0.5785254784 i	[1,2]
38	- 0.7290666282+ 0.7142255430 i	[3,4]
39	- 0.7218119391+ 0.6940248811 i	[2,3]
40	- 0.8018337027+ 0.6444918015 i	[2,5]
41	- 0.8693586103+ 0.6803200812 i	[5,6]
42	- 1.083742923+ 0.2424149234 i	[1,2]

**Example 5 (degree 9) :**  $F(x, y) = (-41 - 96i)x^9 - (28 + 78i)x^8 - (27 - 48i)x^7 - (6 - 63i)x^6 - (87 - 17i)x^5 - (90 - 79i)x^4 + (98 - 34i)x^3 - (76 - 95i)x^2 - (69 - 2i)x + (23 - 42i)y^9 + (34 + 64i)y^8 + (83 + 14i)y^7 - (81 - 16i)y^6 - (35 - 35i)y^5 + (1 - 33i)y^4 - (47 + 51i)y^3 - (67 + 71i)y^2 - (16 + 29i)y + 63 + 48i - (40 + 71i)x^2y^3 + (9 + 6i)xy^7 + (53 + 93i)xy^5 - (23 + 12i)x^5y + (28 + 91i)xy + (40 + 16i)x^4y^3 - (94 - 46i)x^4y^4 - (5 + 66i)xy^8 - (6 - 28i)xy^6 + (33 + 52i)x^2y^7 - (71 + 3i)x^2y^6 + (73 - 37i)x^5y^3 + (50 - 23i)x^5y^2 - (99 + 82i)xy^2 - (79 - 19i)x^7y - (53 + 63i)x^2y^5 - (40 + 61i)x^6y^3 - (62 + 35i)x^3y^5 + (57 + 72i)x^6y^2 + (13 + 80i)x^3y^4 - (49 - 19i)x^3y^6 - (69 + 30i)x^2y + (47 - 60i)x^3y - (97 - 15i)x^4y^5 + (69 - 7i)x^6y + (63 - 42i)x^2y^2 + (92 + 76i)xy^3 + (82 - 92i)x^3y^3 + (61 - 51i)x^2y^4 + (69 + 36i)x^3y^2 + (30 - 44i)x^4y - (19 + 2i)xy^4 - (72 + 69i)x^5y^4 + (27 - 2i)x^4y^2 - (35 - 93i)x^8y - (52 - 54i)x^7y^2$

Base point : 0.0

Initial fiber :

$$\begin{aligned}
& -0.8959693868 - 0.1087703408i \\
& -0.8657146632 + 0.5276509606i \\
& -0.5817962940 + 1.018142430i \\
& -0.4526855023 - 0.7179997407i \\
& 0.3026321951 + 0.9391588632i \\
& 0.6248113959 - 1.076584921i \\
& 0.6371210616 - 0.06279065595i \\
& 0.9327280685 - 1.817385365i \\
& 1.130098595 + 0.03386005985i
\end{aligned}$$

index	value	permutation
1	- 0.5890489651- 0.1002891773 i	[2,3]
2	- 0.7426749904- 0.2942916824 i	[5,7]
3	- 0.7546956192- 0.3142474474 i	[3,7]
4	- 1.073360291- 0.6385886902 i	[2,7]
5	- 1.166558129- 0.7202147616 i	[4,6]
6	- 1.038123381- 0.6502461242 i	[2,3]
7	- 1.107184894- 0.7270705480 i	[1,4]
8	- 1.153409489- 0.7910805527 i	[1,3]
9	- 0.5432337124- 0.3860569990 i	[4,7]
10	- 0.6016145284- 0.4345948710 i	[6,7]
11	- 1.035162601- 0.8432472063 i	[3,5]
12	- 0.8900296430- 0.7436561016 i	[1,4]
13	- 1.670392760- 1.743744211 i	[3,9]
14	- 1.044282653- 1.992309503 i	[8,9]
15	- 0.2551320697- 0.9704667770 i	[5,9]
16	- 0.1985337621- 0.7597837853 i	[7,8]
17	- 0.1911613752- 1.038062494 i	[6,8]
18	- 0.07852226269- 0.5416916585 i	[1,4]
19	0.1192124813- 1.075994354 i	[3,9]
20	0.1261586923- 1.004276828 i	[1,9]
21	0.1267342460- 1.004982293 i	[2,4]
22	0.1713172244- 0.8920127870 i	[7,9]
23	0.2879179980- 1.223652081 i	[1,2]
24	0.09725457008- 0.3456652526 i	[7,9]
25	0.2890513203- 0.8544371291 i	[4,6]
26	0.3036710785- 0.7728745703 i	[3,5]
27	0.4904930926- 0.7828789485 i	[1,4]
28	0.1201657289- 0.1373055238 i	[6,8]
29	0.5825309789- 0.6640134092 i	[5,7]
30	0.6110832694- 0.6251969537 i	[1,7]
31	0.6465690174- 0.4343541010 i	[1,2]
32	0.7931015623- 0.3739108887 i	[7,9]
33	0.8304609703- 0.2449959453 i	[6,9]
34	0.6797481862+ 0.05144158656 i	[2,3]
35	1.760587719+ 0.1691739293 i	[4,8]
36	0.9981461594+ 0.1158770266 i	[3,5]
37	1.126812850+ 0.2672157489 i	[4,5]
38	1.064912100+ 0.3038514253 i	[1,4]
39	1.021660625+ 0.3227394651 i	[5,7]
40	1.362576583+ 0.4951108245 i	[6,7]
41	0.7111627210+ 0.2692320369 i	[1,4]
42	0.8116450018+ 0.3773968809 i	[7,9]
43	0.5962818428+ 0.3616689732 i	[5,7]
44	0.8285716110+ 0.5432909266 i	[1,8]
45	0.7217840796+ 0.4989873390 i	[1,6]



index	value	permutation
46	0.7738002010+ 0.6004509894 i	[1,9]
47	0.4926391429+ 0.4297618405 i	[1,7]
48	0.1848158110+ 0.1704027315 i	[1,2]
49	0.9126197393+ 1.153413037 i	[4,8]
50	0.4849009427+ 0.6936878659 i	[1,3]
51	0.3677392452+ 0.6635126808 i	[1,7]
52	1.019420645+ 2.012198415 i	[2,8]
53	0.4899093332+ 0.9945068017 i	[2,7]
54	0.2337609091+ 0.7669541182 i	[4,7]
55	0.2045292552+ 0.7644982205 i	[1,5]
56	0.4034797963+ 2.113433205 i	[5,9]
57	0.1040423128+ 0.6058610300 i	[1,3]
58	0.01131814255+ 0.5538128242 i	[6,7]
59	- 0.07056714545+ 0.8966874244 i	[6,9]
60	- 0.3710031835+ 1.088797890 i	[6,7]
61	- 0.3640837713+ 0.9812649318 i	[4,7]
62	- 0.5157073573+ 0.9949369356 i	[1,4]
63	- 0.5048272693+ 0.9209894021 i	[2,4]
64	- 0.4982997118+ 0.6820889738 i	[1,3]
65	- 0.7027243122+ 0.8153961850 i	[3,5]
66	- 0.6185857846+ 0.6091891912 i	[6,9]
67	- 0.9970656567+ 0.5083019356 i	[5,6]
68	- 1.193509068+ 0.4349337523 i	[2,3]
69	- 1.320989943+ 0.3068650020 i	[3,6]
70	- 1.093247488+ 0.2433503613 i	[6,7]
71	- 1.098100765+ 0.1669054189 i	[6,9]
72	- 1.201391070+ 0.1244118504 i	[4,7]