Recherche de la meilleure valeure pour maxiter:

Ici je prend `nb_iter = 1000 (qui est la valeur par défaut), et maxiter = 1000000 (qui est aussi la valeur par défaut).`

Code	*(100 % , 90 % , 80 %)*
(GF(2),96,32)	(23, 8, 6), (23, 9, 7),(21, 8, 6),(20, 8, 6),(1, 1, 1),
(GF(3),96,32)	(10, 4, 1),(10, 4, 3),(1, 1, 1),
(GF(4),96,32)	(8, 3, 1),(1, 1, 1),
(GF(5),96,32)	(7, 3, 1),(6, 3, 1),(1, 1, 1),
(GF(2),99,33)	(27, 8, 6),(22, 9, 7),(21, 9, 6),(1, 1, 1),
(GF(3),99,33)	(15, 4, 3),(13, 4, 3),(11, 4, 3),(10, 4, 3),(1, 1, 1),
(GF(4),99,33)	(9, 3, 1),(7, 3, 1),(1, 1, 1),
(GF(5),99,33)	(6, 3, 1),(1, 1, 1),
(GF(2),128,32)	(28, 8, 6),(27, 8, 6),(22, 8, 6),(21, 8, 6),(1, 1, 1),
(GF(3),128,32)	(12, 4, 3),(12, 4, 1),(1, 1, 1),
(GF(4),128,32)	(9, 3, 1),(8, 3, 1),(7, 3, 1),(1, 1, 1),
(GF(5),128,32)	(6, 3, 1),(1, 1, 1),
(GF(2),60,15)	(23, 8, 6),(20, 8, 6),(19, 8, 6),(1, 1, 1),
(GF(3),60,15)	(14, 4, 1),(11, 4, 3),(10, 4, 3),(9, 4, 3),(1, 1, 1),
(GF(4),60,15)	(10, 3, 1),(9, 4, 3),(8, 3, 1),(7, 4, 3),
(GF(5),60,15)	(8, 3, 1),(7, 3, 1),(6, 3, 1),(1, 1, 1),
(GF(2),68,17)	(30, 8, 6),(26, 8, 7),(25, 8, 6),(24, 8, 6),(21, 8, 6),(22, 8, 6)
(GF(3),68,17)	(11, 4, 3),(11, 5, 4),(9, 4, 3),(1, 1, 1),
(GF(4),68,17)	(10, 4, 3),(9, 4, 3),(1, 1, 1),
(GF(5),68,17)	(9, 3, 1),(7, 3, 1),(1, 1, 1)
(GF(2),36,9)	(30, 8, 6),(26, 8, 6),(25, 9, 7),(25, 8, 6),(22, 9, 7),(21, 9, 7),(1, 1, 1),
(GF(2),40,10)	(26, 8, 6),(21, 8, 6),(20, 7, 6),(19, 8, 6),(1, 1, 1),
(GF(2), 32, 8)	(34, 13, 10),(32, 9, 7),(28, 10, 7),(26, 8, 6),(25, 10, 7),(21, 8, 6),(1, 1, 1),

(GF(2),35,6)	(6, 3, 2),(4, 2, 1),(1, 1, 1),
(GF(2), 96, 32)	(24, 8, 6),(22, 8, 6),(21, 8, 6),(20, 9, 6),(1, 1, 1),
(GF(2), 44, 11)	(28, 10, 7),(27, 9, 7),(22, 9, 6),(21, 7, 6),(20, 8, 6),(19, 8, 6)
(GF(2),111,11)	(13, 4, 3),(10, 4, 3),(10, 4, 1),(9, 4, 3),(1, 1, 1),
(GF(2),99,33)	(32, 8, 6),(29, 8, 6),(28, 9, 6),(25, 8, 6),(24, 9, 6),(24, 8, 6),(22, 8, 6),(20, 8, 6),
(GF(2),111,33)	(1, 1, 1)
(GF(2),48,12)	(28, 9, 7),(22, 8, 6),(21, 9, 7),(20, 8, 6),(19, 8, 6),(1, 1, 1)
(GF(2),60,14)	(4, 2, 1),(1, 1, 1),
(GF(2),100,14)	(7, 3, 1),(6, 3, 1),(5, 3, 1),(1, 1, 1),
(GF(2),100,20)	(33, 8, 6),(30, 8, 6),(23, 8, 6),(22, 9, 7),(22, 8, 6),(20, 8, 6),(19, 8, 6),(1, 1, 1),
(GF(2),100,25)	(34, 8, 6),(29, 8, 6),(28, 8, 6),(27, 8, 6),(26, 8, 6),(25, 8, 6),(20, 8, 6),(1, 1, 1),
(GF(2),95,25)	(1, 1, 1)
(GF(2),195,13)	(32, 8, 6),(30, 8, 6),(26, 8, 6),(25, 8, 6),(23, 8, 6),(22, 9, 6),(21, 8, 6),(1, 1, 1),
(GF(2),200,22)	(7, 3, 1),(6, 3, 2),(6, 3, 1),(1, 1, 1),
(GF(2),78,11)	(13, 4, 3),(11, 4, 3),(10, 4, 3),(9, 4, 3),(8, 4, 3),(1, 1, 1),
(GF(2),500,100)	(38, 8, 6),(26, 8, 6),(23, 8, 6),(22, 8, 6),(21, 8, 6),(1, 1, 1),
(GF(2),300,60)	(32, 8, 6),(30, 8, 6),(22, 8, 6),(21, 8, 6),(18, 8, 6),(1, 1, 1),
(GF(2),123,13)	(3, 2, 1),(1, 1, 1),

Comparaison du temps d'exécution entre minimum_distance, Brouwer et Zimmerman:

Code	*minimum_distance*	*Brouwer*	*Zimmerman*
(GF(13),58,6)	2 s	1min 8s	47.1 s
(GF(25),28,5)	3.08 s	8.11 s	5.69 s
(GF(5),44,15)	time > 5 min		2min 1s
(GF(3), 50, 13)	1.04 s	2.77 s	1.12 s

(GF(3), 73, 15)	8.83 s	58.4 s	20.8 s
(GF(2),111,33)	4min 23s	1min 14s	1min 16s
(GF(4),73,15)	9min 36s		10min 22s
(GF(4), 73, 11)	2.11 s	39.8 s	36.1 s
(GF(3), 49, 17)	1min 10s	15.7 s	3.15 s
(GF(9), 44, 9)	2min 22s	5min 58s	53.8 s
(GF(4), 51, 16)	time > 7 min	1min 48s	1min 47s
(GF(5), 55, 12)	1min 50s	2min 13s	2min 14s
(GF(3), 80, 17)	1min 23s	4min 59s	3min 18s
(GF(2), 135, 32)	2min 34s	1min 50s	1min 51s
(GF(9), 47, 10)	22min 4s	47min 42s	12min 31s
(GF(2), 128, 32)	2min 17s	1min 7s	1min 7s
(GF(7), 31, 8)	2.33 s	8.37 s	1.4 s
(GF(7), 96, 32)	2min 19s	9.56 s	9.82 s
(GF(9), 34, 9)	2min 11s	2min 59s	30.8 s
(GF(7),39,10)	1min 46s	3min 12s	26.4 s
(GF(11),44,8)	1min 14s	7min 53s	5min 23s
(GF(7),49,10)	1min 57s	15min 39s	2min 59s
(GF(7),34,7)	390 ms	3.54 s	960 ms
(GF(7),36,9)	14.6 s	2.22 s	2.24 s
(GF(7),36,11)	12min		2min 20s
(GF(8),39,10)	5min 46s	37min 26s	3min 44s