

Custo final: 0.0924

Número de iterações: 5

Número de avaliações da função-objetivo: 8517

w ótimo: [0.02270335 0.0141247 0.02174579 0.01597804 0.0236247 0.01319736

0.02641992	0.01268912	0.0279107	0.01462943	0.01290805	0.02257375
0.01255595	0.01456493	0.01583798	0.0125163	0.00355121	0.01180113
0.01479831	0.01373825	0.02164812	0.01305287	0.02505934	0.00312245
0.01861971	0.01947682	0.02251199	0.02722352	0.01183958	0.00385741
0.01412115	0.02679832	0.0280235	0.01212002	0.01158598	0.01079897
0.01674016	0.01642076	0.02302066	0.01923408	0.01247439	0.01596788
0.01467687	0.01089912	0.00257089	0.0212771	0.01514386	0.01722846
0.02058406	0.01388134	0.01671278	0.00595946	0.01522979	0.00955828
0.01484814	0.00876735	0.02509251	0.00690443	0.01488815	0.00500125
0.02883523	0.01441134	0.01822939	0.0230241	0.01210128	0.00772766
0.00979154	0.02550325	0.00797908	0.02769751	0.02165727	0.01710939
0.0158746	0.02284197	0.01264663	0.01189963	-0.00223996	0.02054797
0.02711713	0.01468519	0.01722735	0.01270559	0.01664423	0.01263374
0.00751052	0.01330964	0.02856019	0.01703134	0.01745625	0.01026373
0.00903579	0.01921191	0.01499475	0.02149089	0.01430153	0.01266554
0.02130352	0.01688598	0.0222927	0.02913662	0.01825503	0.01124968
0.01844999	0.00638452	0.02108915	0.01494092	0.01883394	0.00529954
0.01494383	0.02889383	0.020254	0.00535292	0.01462188	0.02175256
0.01037781	0.02488282	0.0025562	0.01987763	0.00781878	0.00525296
0.0062663	0.01200118	0.00824463	0.02413074	0.01421402	0.01437118
0.02272849	0.01467978	0.01796072	0.02508846	0.02308529	0.01379636

0.00513346	0.01945254	0.01160116	0.01547209	0.01828282	0.02525983
0.01267518	0.01506287	0.02118993	0.01768007	0.01754723	0.01357539
0.00838656	0.01883075	0.00829847	-0.00117972	0.02044226	0.01397553
0.01360863	0.02060447	0.01301966	0.00219724	0.01617814	0.01380232
0.01782328	0.01075135	0.02146627	0.01793039	0.01916114	0.00964657
0.02921995	0.00419235	0.02529654	0.00549525	0.02794922	0.02494852
0.0103966	0.01367026	0.02172755	0.02323845	0.02036347	0.0128175
0.012912	0.02052817	0.00776599	0.02316412	0.01521076	0.01147868
0.01087989	0.01780917	0.00612716	-0.00062321	0.01109436	0.0163423
0.03000709	0.01579891	0.02592252	0.01828548	0.03186002	0.01552792
0.01399133	0.02243022	0.00539777	0.00385891	0.01428707	0.01218067
0.00700097	0.01229915	0.02071995	0.01618445	0.01757415	0.00725121
0.01605111	0.01649688	0.01505949	0.03531733	0.01528992	0.01440129
0.01568495	0.01323687	0.02785266	0.01266416	0.02137741	0.0131114
0.01368695	0.0141247	0.01485465	0.0142632	0.01269788	0.02607066
0.02116155	0.00121695	0.00304131	0.00665075	0.02257638	0.02498862
0.01920974	0.01123036	0.01685771	0.01780023	0.01193188	0.01800432
0.02176632	0.01954135	0.01273388	0.02077471	0.00987067	0.01705108
0.01954067	0.01141392	0.01366257	0.01619087	0.02241359	0.01442637
0.01402785	0.00985327	0.00653156	0.01252479	0.01334469	0.01328072
0.00913331	0.01584705	0.02017201	0.01680838	0.01707531	0.00674523
0.01908242	0.01275659	0.01467402	0.00986458	0.00890373	0.02323275
0.01815813	0.02217672	0.0131952	0.01599589	0.01441109	0.01287746
0.02387016	0.01816402	0.00986852	0.0092723	0.01081872	0.02061844
0.01753992	0.01554468	0.02247083	0.01800341	0.02466938	0.02286525
0.01395293	0.00901664	0.00895244	0.01349052	0.01541731	0.0115847

0.01150978	0.00680036	0.0103307	0.00874195	0.01939801	0.01775598
0.0195839	0.01916402	0.02062093	0.02020936	0.02200475	0.01422714
0.01420067	0.00399192	0.02412869	0.00673426	0.01207834	0.01805881
0.01750872	0.02165327	0.01414509	0.01581061	0.01990912	0.01083139
0.013631	0.0149276	0.01157541	0.01450475	0.0242474	0.02140971
0.02062833	0.00465081	0.01314891	0.01489989	0.02260083	0.02083012
0.01708781	0.01009519	0.00037453	0.0176975	0.02745015	0.00997387
0.00669157	0.01482383	0.01400583	0.02139844	0.02228882	0.01002663
0.02605154	0.02184941	0.01958108	0.01369143	0.01651605	0.01496408
0.01716717	0.01876755	0.01469262	0.01330761	0.00801377	0.01516934
-0.00195074	0.0176172	0.01310086	0.02792569	0.00189474	0.01357618
0.01643094	0.01108577	0.01855178	0.01304843	0.01127271	0.00702021
0.01275988	0.00433448	0.01175307	0.02274984	0.00568716	0.01605089
0.01707173	0.01871659	0.00929619	0.01962548	0.0208765	0.00487444
0.02325342	0.01398428	0.00773281	0.01788821	0.0057003	0.0131469
0.02219216	0.00405632	0.02688771	0.01797368	0.01890538	0.00942197
0.01368026	0.02463971	0.011448	0.01705664	0.0222886	0.01975173
0.01880879	0.0237829	0.01984006	0.0104277	0.0137435	0.01824819
0.02815948	0.0235603	0.01525125	0.03153461	0.0136422	0.02192032
0.0282283	0.01581772	0.02517155	0.01775695	0.01114646	0.024511
0.01876937	0.01737291	0.02085455	0.0216461	0.0153215	0.00874816
0.01512923	0.01295901	0.0087349	0.02063356	0.00273965	0.01851013
0.01997309	0.01128287	0.00542075	0.01238454	0.003875	0.01748359
0.02514075	0.01365377	0.0304193	0.01277694	0.02257677	0.01702911
0.00569842	0.01799318	0.0142265	0.00862188	0.01935818	0.01846091
0.01067561	0.01224802	0.01842934	0.01451035	0.00526466	0.00557346

0.01164754	0.01343732	0.01541247	0.01239759	0.01281576	0.00863896
0.00556931	0.01892985	0.02218709	0.01863316	0.02302322	0.01429771
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00671698	0.01006356	0.00250675	0.01913925	0.0164121	0.01315447
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00671698	0.01006356	0.00250675	0.01913925	0.0164121	0.01315447
0.01459396	0.02675643	0.02044061	0.02812921	0.00640001	0.01713449
0.02108489	0.00968929	0.00612631	0.00951086	0.01379071	0.00510112
0.016959	0.00878253	0.01410216	0.01230421	0.00943816	0.0214932
0.01671801	0.00407811	0.01398115	0.01128414	0.00771594	0.01638755
0.01388009	0.02353762]				
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00671698	0.01006356	0.00250675	0.01913925	0.0164121	0.01315447
0.01459396	0.02675643	0.02044061	0.02812921	0.00640001	0.01713449
0.02108489	0.00968929	0.00612631	0.00951086	0.01379071	0.00510112
0.016959	0.00878253	0.01410216	0.01230421	0.00943816	0.0214932
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0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00671698	0.01006356	0.00250675	0.01913925	0.0164121	0.01315447
0.01459396	0.02675643	0.02044061	0.02812921	0.00640001	0.01713449
0.02108489	0.00968929	0.00612631	0.00951086	0.01379071	0.00510112
0.016959	0.00878253	0.01410216	0.01230421	0.00943816	0.0214932
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00671698	0.01006356	0.00250675	0.01913925	0.0164121	0.01315447
0.01459396	0.02675643	0.02044061	0.02812921	0.00640001	0.01713449
0.02108489	0.00968929	0.00612631	0.00951086	0.01379071	0.00510112
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00671698	0.01006356	0.00250675	0.01913925	0.0164121	0.01315447
0.01459396	0.02675643	0.02044061	0.02812921	0.00640001	0.01713449
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00671698	0.01006356	0.00250675	0.01913925	0.0164121	0.01315447
0.01459396	0.02675643	0.02044061	0.02812921	0.00640001	0.01713449
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0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00671698	0.01006356	0.00250675	0.01913925	0.0164121	0.01315447
0.01459396	0.02675643	0.02044061	0.02812921	0.00640001	0.01713449
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00671698	0.01006356	0.00250675	0.01913925	0.0164121	0.01315447
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00671698	0.01006356	0.00250675	0.01913925	0.0164121	0.01315447
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719

0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00671698	0.01006356	0.00250675	0.01913925	0.0164121	0.01315447
0.01459396	0.02675643	0.02044061	0.02812921	0.00640001	0.01713449
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00671698	0.01006356	0.00250675	0.01913925	0.0164121	0.01315447
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00671698	0.01006356	0.00250675	0.01913925	0.0164121	0.01315447
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00671698	0.01006356	0.00250675	0.01913925	0.0164121	0.01315447
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.00254035	0.01974647	0.0184786	0.01540619	0.00480457	0.02025719
0.02731334	0.01905394	0.01990769	0.02208572	0.01092978	0.01759337

0.00671698	0.01006356	0.00250675	0.01913925	0.0164121	0.01315447
0.01459396	0.02675643	0.02044061	0.02812921	0.00640001	0.01713449
0.02108489	0.00968929	0.00612631	0.00951086	0.01379071	0.00510112
0.016959	0.00878253	0.01410216	0.01230421	0.00943816	0.0214932
0.01671801	0.00407811	0.01398115	0.01128414	0.00771594	0.01638755
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