

Thema: Erste 10 Differenzen (gaps) von 12 benachbarten Primzahlen (12-Tupel)
Main index: <http://www.fermatquotient.com/>

Zum Vergleich der benachbarten Erstdifferenzen mit Primzahlen:
<https://raw.githubusercontent.com/primegap-list/project/prime-gap-list/master/allgaps.sql>
<http://oeis.org/>
A000230 bzw. A002386 , A339944 , A339943 , A031133 , A144103

Erste 10 Primzahlen vor der jeweiligen Differenz-Summe von 12 Primzahl-Nachbarn
Beginn: 2 Ende: 8.3E+15

Differenz,	Primzahl,	Primzahl,	Primzahl,	Primzahl,	Primzahl,	Primzahl,	Primzahl,	Primzahl,	Primzahl,		
35,	2										
38,	3,	5									
40,	7										
42,	11,	1418575498567,	27899359257997,	34460918582317,	76075560855367,	186460616596327,	218021188549237,	234280497145537,	282854319391717,	345120905374087	
44,	17,	29,	2073106275179,	2356607730767,	10527733922579,	18145165450169,	47092534806827,	48973645093169,	65595631937567,	74018798812559	
46,	13,	37,	67,	21669255187,	6953798916913,	7376707347157,	7701143235673,	10527733922581,	14911951907101,	40785027011077	
48,	19,	23,	31,	41,	59,	61,	5102510423,	8752228741,	9307812043,	18320500399	
50,	53,	149,	1277,	26681,	51448343,	1095672161,	4046054429,	5596291271,	5900027711,	14214437381	
52,	51448351,	964669597,	7097317411,	9307812037,	31612604017,	75728492419,	108039383497,	149706570001,	186768189187,	187735172731	
54,	43,	47,	127,	223,	227,	229,	2657,	2659,	2677		
56,	71,	83,	101,	137,	563,	2663,	19421,	113117,	603893,	1225073	
58,	73,	79,	139,	409,	2671,	2683,	113131,	1464241,	1749229,	2580649	
60,	89,	103,	107,	131,	151,	173,	179,	181,	191,	211	
62,	167,	251,	347,	401,	569,	821,	1259,	1559,	2081,	2687	
64,	109,	163,	193,	337,	379,	397,	439,	613,	823,	1447	
66,	113,	157,	197,	307,	331,	367,	373,	383,	421,	433	
68,	239,	263,	269,	311,	353,	389,	641,	809,	971,	983	
70,	199,	241,	313,	349,	571,	631,	811,	991,	1033,	1039	
72,	277,	281,	317,	359,	449,	619,	701,	757,	787,	977	
74,	293,	947,	1013,	1163,	1217,	1223,	1979,	2063,	2087,	2267	
76,	271,	283,	643,	751,	853,	877,	907,	937,	1087,	1213	
78,	499,	521,	523,	673,	683,	691,	709,	719,	733,	761	
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82,	487,	661,	727,	739,	829,	859,	1201,	1279,	1489,	1831	
84,	463,	479,	503,	509,	769,	773,	863,	1069,	1283,	1289	
86,	881,	1193,	1361,	1493,	1511,	1607,	1613,	1667,	1697,	2591	
88,	883,	1063,	1093,	1609,	1699,	1723,	1801,	2251,	2731,	2749	
90,	467,	887,	1097,	1103,	1187,	1291,	1619,	1669,	1733,	1741	
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106,	2131,	2437,	2503,	2557,	3343,	3943,	4021,	4111,	5167,	5197	
108,	1301,	1753,	1759,	1879,	2143,	2161,	2441,	2549,	2551,	2971	
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138,	5869,	9923,	9929,	9931,	9941,	10909,	11519,	11551,	13933,	14011	
140,	5897,	5903,	6389,	7253,	14153,	15923,	16193,	16703,	18719,	18839	
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1706, 2021011193918021, 4182876962538851
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1798, 4611654938943961
1806, 4279058247182627
1818, 4611654938943979
1820, 7223950735432397
1838, 7518839666243273

Die kleinste hier nicht gefundene Differenz-Summe lautet: 1746

Anzahl der oben aufgelisteten Primzahldifferenzen

1-stellig, Anzahl 4
2-stellig, Anzahl 21
3-stellig, Anzahl 119
4-stellig, Anzahl 261
5-stellig, Anzahl 325
6-stellig, Anzahl 400
7-stellig, Anzahl 447
8-stellig, Anzahl 549
9-stellig, Anzahl 604
10-stellig, Anzahl 623
11-stellig, Anzahl 740
12-stellig, Anzahl 768
13-stellig, Anzahl 800
14-stellig, Anzahl 931
15-stellig, Anzahl 965
16-stellig, Anzahl 881 bis $8.3E+15$

22.03.2025 Richard Fischer