The Coded Prime Set

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There is a very clear, close connection between subatomic particle spin, anomalous magnetic moment and the coded fractional values of this Set of prime numbers

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May 7, 2024
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Coded Prime Set Definition:
Any prime number with fractional values containing a non-repeating, infinitely looped string of digits with string length = p-1, where “p” is the prime number, is a part of the Set and is a “Type-A” coded prime number. Any prime number with fractional values containing a pair of infinitely repeating, looped strings of digits with string length =(p-1)÷2, where “p” is the prime number, is a part of the Set and is a “Type-B” coded prime number. All other numbers are not in the Set.

Type-A Examples:
Fractions of the prime number 7 are comprised of the following repeating string of 6 digits: 1, 4, 2, 8, 5, 7
Fractions of the prime number 17 are comprised of the following repeating string of 16 digits: 0, 5, 8, 8, 2, 3, 5, 2, 9, 4, 1, 1, 7, 6, 4, 7.
Fractions of the prime number 23 are comprised of the following repeating string of 22 digits: 0, 4, 3, 4, 7, 8, 2, 6, 0, 8, 6, 9, 5, 6, 5, 2, 1, 7, 3, 9, 1, 3.

Type-B Examples:
Fractions of the prime number 31 are comprised of the two following repeating strings of 15 digits: 0, 3, 2, 2, 5, 8, 0, 6, 4, 5, 1, 6, 1, 2, 9 – 0, 9, 6, 7, 7, 4, 1, 9, 3, 5, 4, 8, 3, 8, 7

Fractions of the prime number 67 are comprised of the two following repeating strings of 33 digits: 0, 1, 4, 9, 2, 5, 3, 7, 3, 1, 3, 4, 3, 2, 8, 3, 5, 8, 2, 0, 8, 9, 5, 5, 2, 2, 3, 8, 8, 0, 5, 9, 7, – 0, 2, 9, 8, 5, 0, 7, 4, 6, 2, 6, 8, 6, 5, 6, 7, 1, 6, 4, 1, 7, 9, 1, 0, 4, 4, 7, 7, 6, 1, 1, 9, 4

There are an unbounded number of prime numbers, and the Coded Prime Set is also unbounded. The Mechanical Prime Set, however, may actually be bounded.

While there are prime numbers which could meet the definition of a Type-C coded prime (in fact there could be as many as 10 different types, encompassing all prime numbers,) there are reasons (relating mostly to particle/anti-particle symmetry) why only two types of coded primes, Type-A and Type-B, can be said to meet the definition of a "coded" prime number.

Relationship Between the Coded Prime Set and the Behavior of Subatomic Particles

There are 3 stable subatomic particles, two of which have known anti-particles (analysis suggests the neutron also has an anti-particle, I call it the "twotron.") So, in total there are 6 stable particles we can observe or intuit: (1) electron, (2) positron, (3) proton, (4) anti-proton, (5) neutron and (6) twotron. The electron, proton and neutron all have measured values for something called its g-factor. It is essentially a composite value describing a particle's anomalous magnetic moment, momentum, spin and mass. If you have any further questions about the g-factor, I refer you to the interwebs. Suffice it to say, I did not calculate any g-factor values myself other than for the positron, anti-proton and twotron, and I only calculated those values because nobody ever has before.

The way the g-factor operates is to provide a two-dimensional, rotational offset value, based on anomalous magnetic moment that determines, essentially, at what point along a particle's rotational path its magnetic moment expresses. In other words, it operates in pretty much the same way as Wheel of Fortune or spin the bottle. Because particles have an internal frame of reference, the particle "knows" when it has completed one rotation and begun another. Actually, it's more than that, the particle doesn't just know where it is along its rotational path; it is continually told/updated where it is along its rotational path by the coded nature of the prime number-generated symmetry which constitutes its

rotational path. Eitherwise, the g-factor determines how far along in its rotational path the torque of magnetic moment will be applied.

Calculated g-factors for all stable subatomic particles are extremely closely correlated to the Coded Prime Set

It is interesting how closely correlated the calculated g-factors for the electron (and thereby the positron,) proton (and thereby the anti-proton,) and the neutron are to the Coded Prime Set. The proton/anti-proton has a single, 5-digit correlation to prime number 7. The neutron g-factor has a single, 6-digit correlation to prime number 23. Finally, the electron/positron has four distinct correlations to prime numbers, 2 (1-digit correlation) 23 (4-digit correlation) 31 (4-digit correlation) and 431 (6-digit correlation.)

Reproduced from Page 1 of the site, here is the detail on Coded Prime Set, this time with some additional detail for prime 431:

2 (1-digit): 5 (**electron**/**positron**)
7 (6-digit): ***1, 4****, 2,* ***8, 5*****, 7** (**proton**/*anti-proton*)
17 (16-digit): 0, 5, 8, 8, 2, 3, 5, 2, 9, 4, 1, 1, 7, 6, 4, 7
19 (18-digit): 0, 5, 2, 6, 3, 1, 5, 7, 8, 9, 4, 7, 3, 6, 8, 4, 2, 1
23: (22-digit): 0, 4, 3, 4, 7, **8, 2, 6, 0, 8,** 6, 9, 5, 6, 5, 2, **1, 7, 3, 9, 1**,
3 (**neutron**/**twotron**, electron/positron)
29 (28-digit): 0, 3, 4, 4, 8, 2, 7, 5, 8, 6, 2, 0, 6, 8, 9, 6, 5, 5, 1, 7, 2, 4, 1, 3, 7, 9, 3, 1
31 (2x 15-digit): 0, 3, 2, 2, 5, 8, 0, 6, 4, 5, 1, 6, 1, 2, 9 – 0, 9, 6, 7, 7, 4, 1, 9, 3, 5, 4, 8, 3, 8, 7 (electron/positron)
431 (2x 215-digit): 0, 0, 2, 3, 2, 0, 1, 8, 5, 6, 1, 4, 8, 4, 9, 1, 8, 7, 9, 3, 5, 0, 3, 4, 8, 0, 2, 7, 8, 4, 2, 2, 2, 7, 3, 7, 8, 1, 9, 0, 2, 5, 5, 2, 2, 0, 4, 1, 7, 6, 3, 3, 4, 1, 0, 6, 7, 2, 8, 5, 3, 8, 2, 8, 3, 0, 6, 2, 6, 4, 5, 0, 1, 1, 6, 0, 0, 9, 2, 8, 0, 7, 4, 2, 4, 5, 9, 3, 9, 6, 7, 5, 1, 7, 4, 0, 1, 3, 9, 2, 1, 1, 1, 3, 6, 8, 9, 0, 9, 5, 1, 2, 7, 6, 1, 0, 2, 0, 8, 8, 1, 6, 7, 0, 5, 3, 3, 6, 4, 2, 6, 9, 1, 4, 1, 5, 3, 1, 3, 2, 2, 5, 0, 5, 8, 0, 0, 4, 6, 4, 0, 3, 7, 1, 2, 2, 9, 6, 9, 8, 3, 7, 5, 8, 7, 0, 0, 6, 9, 6, 0, 5, 5, 6, 8, 4, 4, 5, 4, 7, 5, 6, 3, 8, 0, 5, 1, 0, 4, 4, 0, 8, 3, 5, 2, 6, 6, 8, 2, 1, 3, 4, 5, 7, 0, 7, 6, 5, 6, 6, 1, 2, 5, 2, 9 – 0, 0 (incomplete) … 8, 7, 4, 7, 0, **9, 9, 7, 6, 7, 9**, 8, 1, 4, 3, 8, 5, 1, 5… (**electron/positron**)

43 (2x 21-digit): 0, 2, 3, 2, 5, 5, 8, 1, 3, 9, 5, 3, 4, 8, 8, 3, 7, 2, 0, 9, 3 – 0, 4, 6, 5, 1, 1, 6, 2, 7, 9, 0, 6, 9, 7, 6, 7, 4, 4, 1, 8, 6

47 (46-digit): 0, 2, 1, 2, 7, 6, 5, 9, 5, 7, 4, 4, 6, 8, 0, 8, 5, 1, 0, 6, 3, 8, 2, 9, 7, 8, 7, 2, 3, 4, 0, 4, 2, 5, 5, 3, 1, 9, 1, 4, 8, 9, 3, 6, 1, 7

61 (60-digit): 0, 1, 6, 3, 9, 3, 4, 4, 2, 6, 2, 2, 9, 5, 0, 8, 1, 9, 6, 7, 2, 1, 3, 1, 1, 4, 7, 5, 5, 4, 9, 8, 3, 6, 0, 6, 5, 5, 7, 3, 7, 7, 0, 4, 9, 1, 8, 0, 3, 2, 7, 8, 6, 8, 8, 5, 2, 4, 5, 9

67 (2x 33-digit): 0, 1, 4, 9, 2, 5, 3, 7, 3, 1, 3, 4, 3, 2, 8, 3, 5, 8, 2, 0, 8, 9, 5, 5, 2, 2, 3, 8, 8, 0, 5, 9, 7, – 0, 2, 9, 8, 5, 0, 7, 4, 6, 2, 6, 8, 6, 5, 6, 7, 1, 6, 4, 1, 7, 9, 1, 0, 4, 4, 7, 7, 6, 1, 1, 9, 4

71 (2x 35-digit): 0, 1, 4, 0, 8, 4, 5, 0, 7, 0, 4, 2, 2, 5, 3, 5, 2, 1, 1, 2, 6, 7, 6, 0, 5, 6, 3, 3, 8, 0, 2, 8, 1, 6, 9 – 0, 9, 8, 5, 9, 1, 5, 4, 9, 2, 9, 5, 7, 7, 4, 6, 4, 7, 8, 8, 7, 3, 2, 3, 9, 4, 3, 6, 6, 1, 9, 7, 1, 8, 3

83 (2x 41-digit): 0, 1, 2, 0, 4, 8, 1, 9, 2, 7, 7, 1, 0, 8, 4, 3, 3, 7, 3, 4, 9, 3, 9, 7, 5, 9, 0, 3, 6, 1, 4, 4, 5, 7, 8, 3, 1, 3, 2, 5, 3 – 0, 2, 4, 0, 9, 6, 3, 8, 5, 5, 4, 2, 1, 6, 8, 6, 7, 4, 6, 9, 8, 7, 9, 5, 1, 8, 0, 7, 2, 2, 8, 9, 1, 5, 6, 6, 2, 6, 5, 0, 6

97 (96-digit): 0, 1, 0, 3, 0, 9, 2, 7, 8, 3, 5, 0, 5, 1, 5, 4, 6, 3, 9, 1, 7, 5, 2, 5, 7, 7, 3, 1, 9, 5, 8, 7, 6, 2, 8, 8, 6, 5, 9, 7, 9, 3, 8, 1, 4, 4, 3, 2, 9, 8, 9, 6, 9, 0, 7, 2,1, 6, 4, 9, 4, 8, 4, 5, 3, 6, 0, 8, 2, 4, 7, 4, 2, 2, 6, 8, 0, 4, 1, 2, 3, 7, 1, 1, 3, 4, 0, 2, 0, 6,1, 8, 5, 5, 6, 7

For additional context, here is a reproduction of the summary mod analysis from Page 1:

G-Factor Modulus Results:		Proton	Anti-Proton	Electron	Positron	Neutron
neutron precession		W boson	Z boson	2.00231930436256	1.99768069563744	3.82608545
a)	0.00000155	5.5856946893	5.4143053107	4.00463860872512	3.99536139127488	7.65217090
b)	0.00003316	11.1713893786	10.8286106214	6.00695791308768	5.99304208691232	11.47825635
neutron precession period		16.7570840679	16.2429159321	8.00927721745024	7.99072278254976	15.30434180
	28859	22.3427787572	21.6572212428	10.01159652181280	9.98840347818720	19.13042725
neutron period (symmetry)		27.9284734465	27.0715265535	12.01391582617540	11.98608417382460	22.95651270
	23	33.5141681358	32.4858318642	14.01623513053790	13.98376486946210	26.78259815
neutron rotations per period		39.0998628251	37.9001371749	16.01855443490050	15.98144556509950	30.60868360
	88	44.6855575144	43.3144424856	18.02087373926300	17.97912626073700	34.43476905
neutron periodic increment		50.2712522037	48.7287477963	20.02319304362560	19.97680695637440	38.26085450
	0.00003465	55.8569468930	54.1430531070	22.02551234798820	21.97448765201180	42.08693995
proton/anti-proton precession		61.4426415823	59.5573584177	24.02783165235070	23.97216834764930	45.91302540
a)	0.0002699770 - 0.0013693100	67.0283362716	64.9716637284	26.03015095671330	25.96984904328670	49.73911085
b)	0.0000024390 - 0.0011017720	72.6140309609	70.3859690391	28.03247026107580	27.96752973892420	53.56519630
proton/anti-proton precession period		78.1997256502	75.8002743498	30.03478956543840	29.96521043456160	57.39128175
	5,117 / 5,047	83.7854203395	81.2145796605	32.03710886980090	31.96289113019910	61.21736720
proton/anti-proton period (symmetry)		89.3711150288	86.6288849712	34.03942817416350	33.96057182583650	65.04345265
	7 | 70	94.9568097181	92.0431902819	36.04174747852610	35.95825252147390	68.86953810
proton/anti-proton rotations per period		100.5425044074	97.4574955926	38.04406678288860	37.95593321711140	72.69562355
	39 | 391	106.1281990967	102.8718009033	40.04638608725120	39.95361391274880	76.52170900
proton/anti-proton periodic increment/decrement		111.7138937860	108.2861062140	42.04870539161370	41.95129460838630	80.34779445
	0.0998628251	117.2995884753	113.7004115247	44.05102469597630	43.94897530402370	84.17387990
deviation from 0.1 (binary) increment/decrement		122.8852831646	119.1147168354	46.05334400033890	45.94665599966110	87.99996535
	0.0001371749	128.4709778539	124.5290221461	48.05566330470140	47.94433669529860	91.82605080
electron/positron precession		134.0566725432	129.9433274568	50.05798260906400	49.94201739093600	95.65213625
a)	0.00193760435644	139.6423672325	135.3576327675	52.06030191342650	51.93969808657350	99.47822170
b)	0.00038169564356	145.2280619218	140.7719380782	54.06262121778910	53.93737878221090	103.30430715
electron/positron precession period	431	150.8137566111	146.1862433889	56.06494052215160	55.93505947784840	107.13039260
electron/positron period (spinor)	2	156.3994513004	151.6005486996	58.06725982651420	57.93274017348580	110.95647805
electron/positron rotations per period	2	161.9851459897	157.0148540103	60.06957913087680	59.93042086912320	114.78256350
electron/positron periodic increment		167.5708406790	162.4291593210	62.07189843523930	61.92810156476070	118.60864895
	0.00231930436256	173.1565353683	167.8434646317	64.07421773960190	63.92578226039810	122.43473440

178.7422300576	173.2577699424	66.07653704396440	65.92346295603560	126.26081985
184.3279247469	178.6720752531	68.07885634832700	67.92114365167300	130.08690530
189.9136194362	184.0863805638	70.08117565268960	69.91882434731040	133.91299075
195.4993141255	189.5006858745	72.08349495705210	71.91650504294790	137.73907620
201.0850088148	194.9149911852	74.08581426141470	73.91418573858530	141.56516165
206.6707035041	200.3292964959	76.08813356577720	75.91186643422280	145.39124710
212.2563981934	205.7436018066	78.09045287013980	77.90954712986020	149.21733255
217.8420928827	211.1579071173	80.09277217450230	79.90722782549770	153.04341800
223.4277875720	216.5722124280	82.09509147886490	81.90490852113510	156.86950345
229.0134822613	221.9865177387	84.09741078322750	83.90258921677250	160.69558890
234.5991769506	227.4008230494	86.09973008759000	85.90026991241000	164.52167435
240.1848716399	232.8151283601	88.10204939195260	87.89795060804740	168.34775980
245.7705663292	238.2294336708	90.10436869631510	89.89563130368490	172.17384525
251.3562610185	243.6437389815	92.10668800067770	91.89331199932230	175.99993070
256.9419557078	249.0580442922	94.10900730504030	93.89099269495970	179.82601615
262.5276503971	254.4723496029	96.11132660940280	95.88867339059720	183.65210160
268.1133450864	259.8866549136	98.11364591376540	97.88635408623460	187.47818705
273.6990397757	265.3009602243	100.11596521812800	99.88403478187210	191.30427250
279.2847344650	270.7152655350	102.11828452249000	101.88171547751000	195.13035795
284.8704291543	276.1295708457	104.12060382685300	103.87939617314700	198.95644340
290.4561238436	281.5438761564	106.12292313121600	105.87707686878400	202.78252885
296.0418185329	286.9581814671	108.12524243557800	107.87475756442200	206.60861430
301.6275132222	292.3724867778	110.12756173994100	109.87243826005900	210.43469975
307.2132079115	297.7867920885	112.12988104430300	111.87011895569700	214.26078520
312.7989026008	303.2010973992	114.13220034866600	113.86779965133400	218.08687065
318.3845972901	308.6154027099	116.13451965302800	115.86548034697200	221.91295610
323.9702919794	314.0297080206	118.13683895739100	117.86316104260900	225.73904155
329.5559866687	319.4440133313	120.13915826175400	119.86084173824600	229.56512700
335.1416813580	324.8583186420	122.14147756611600	121.85852243388400	233.39121245
340.7273760473	330.2726239527	124.14379687047900	123.85620312952100	237.21729790
346.3130707366	335.6869292634	126.14611617484100	125.85388382515900	241.04338335
351.8987654259	341.1012345741	128.14843547920400	127.85156452079600	244.86946880
357.4844601152	346.5155398848	130.15075478356600	129.84924521643400	248.69555425

363.0701548045	351.9298451955	132.15307408792900	131.84692591207100	252.52163970
368.6558494938	357.3441505062	134.15539339229100	133.84460660770900	256.34772515
374.2415441831	362.7584558169	136.15771269665400	135.84228730334600	260.17381060
379.8272388724	368.1727611276	138.16003200101700	137.83996799898300	263.99989605
385.4129335617	373.5870664383	140.16235130537900	139.83764869462100	267.82598150
390.9986282510	379.0013717490	142.16467060974200	141.83532939025800	271.65206695
396.5843229403	384.4156770597	144.16698991410400	143.83301008589600	275.47815240
402.1700176296	389.8299823704	146.16930921846700	145.83069078153300	279.30423785
407.7557123189	395.2442876811	148.17162852282900	147.82837147717100	283.13032330
413.3414070082	400.6585929918	150.17394782719200	149.82605217280800	286.95640875
418.9271016975	406.0728983025	152.17626713155500	151.82373286844500	290.78249420
424.5127963868	411.4872036132	154.17858643591700	153.82141356408300	294.60857965
430.0984910761	416.9015089239	156.18090574028000	155.81909425972000	298.43466510
435.6841857654	422.3158142346	158.18322504464200	157.81677495535800	302.26075055
441.2698804547	427.7301195453	160.18554434900500	159.81445565099500	306.08683600
446.8555751440	433.1444248560	162.18786365336700	161.81213634663300	309.91292145
452.4412698333	438.5587301667	164.19018295773000	163.80981704227000	313.73900690
458.0269645226	443.9730354774	166.19250226209300	165.80749773790700	317.56509235
463.6126592119	449.3873407881	168.19482156645500	167.80517843354500	321.39117780
469.1983539012	454.8016460988	170.19714087081800	169.80285912918200	325.21726325
474.7840485905	460.2159514095	172.19946017518000	171.80053982482000	329.04334870
480.3697432798	465.6302567202	174.20177947954300	173.79822052045700	332.86943415
485.9554379691	471.0445620309	176.20409878390500	175.79590121609500	336.69551960
491.5411326584	476.4588673416	178.20641808826800	177.79358191173200	340.52160505
497.1268273477	481.8731726523	180.20873739263100	179.79126260736900	344.34769050
502.7125220370	487.2874779630	182.21105669699300	181.78894330300700	348.17377595
508.2982167263	492.7017832737	184.21337600135600	183.78662399864400	351.99986140
513.8839114156	498.1160885844	186.21569530571800	185.78430469428200	355.82594685
519.4696061049	503.5303938951	188.21801461008100	187.78198538991900	359.65203230
525.0553007942	508.9446992058	190.22033391444400	189.77966608555700	363.47811775
530.6409954835	514.3590045165	192.22265321880600	191.77734678119400	367.30420320
536.2266901728	519.7733098272	194.22497252316900	193.77502747683100	371.13028865
541.8123848621	525.1876151379	196.22729182753100	195.77270817246900	374.95637410

547.3980795514	530.6019204486	198.22961113189400	197.77038886810600	378.78245955
552.9837742407	536.0162257593	200.23193043625600	199.76806956374400	382.60854500
558.5694689300	541.4305310700	202.23424974061900	201.76575025938100	386.43463045
564.1551636193	546.8448363807	204.23656904498200	203.76343095501900	390.26071590
569.7408583086	552.2591416914	206.23888834934400	205.76111165065600	394.08680135
575.3265529979	557.6734470021	208.24120765370700	207.75879234629300	397.91288680
580.9122476872	563.0877523128	210.24352695806900	209.75647304193100	401.73897225
586.4979423765	568.5020576235	212.24584626243200	211.75415373756800	405.56505770
592.0836370658	573.9163629342	214.24816556679400	213.75183443320600	409.39114315
597.6693317551	579.3306682449	216.25048487115700	215.74951512884300	413.21722860
603.2550264444	584.7449735556	218.25280417552000	217.74719582448100	417.04331405
608.8407211337	590.1592788663	220.25512347988200	219.74487652011800	420.86939950
614.4264158230	595.5735841770	222.25744278424500	221.74255721575500	424.69548495
620.0121105123	600.9878894877	224.25976208860700	223.74023791139300	428.52157040
625.5978052016	606.4021947984	226.26208139297000	225.73791860703000	432.34765585
631.1834998909	611.8165001091	228.26440069733200	227.73559930266800	436.17374130
636.7691945802	617.2308054198	230.26672000169500	229.73327999830500	439.99982675
642.3548892695	622.6451107305	232.26903930605800	231.73096069394300	443.82591220
647.9405839588	628.0594160412	234.27135861042000	233.72864138958000	447.65199765
653.5262786481	633.4737213519	236.27367791478300	235.72632208521700	451.47808310
659.1119733374	638.8880266626	238.27599721914500	237.72400278085500	455.30416855
664.6976680267	644.3023319733	240.27831652350800	239.72168347649200	459.13025400
670.2833627160	649.7166372840	242.28063582787000	241.71936417213000	462.95633945
675.8690574053	655.1309425947	244.28295513223300	243.71704486776700	466.78242490
681.4547520946	660.5452479054	246.28527443659600	245.71472556340400	470.60851035
687.0404467839	665.9595532161	248.28759374095800	247.71240625904200	474.43459580
692.6261414732	671.3738585268	250.28991304532100	249.71008695467900	478.26068125
698.2118361625	676.7881638375	252.29223234968300	251.70776765031700	482.08676670
703.7975308518	682.2024691482	254.29455165404600	253.70544834595400	485.91285215
709.3832255411	687.6167744589	256.29687095840800	255.70312904159200	489.73893760
714.9689202304	693.0310797696	258.29919026277100	257.70080973722900	493.56502305
720.5546149197	698.4453850803	260.30150956713400	259.69849043286600	497.39110850
726.1403096090	703.8596903910	262.30382887149600	261.69617112850400	501.21719395

There is a direct link between the fundamental behaviors of subatomic particles and the Coded Prime Set. It warrants further inquiry. Also, commissioning and creation of a map of all spin states is warranted. The next step, however, is defining and describing the Mechanical Prime Set. More to come later.

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