				Fynanc	T hat	F ortiary	Trod	of	Primit	tiva	D vtł	าลต	Table 3	an	Tr	inles		0	WFR Plato	RR/		Н						
			Trunk										-															
TRUNK	<u>PPT</u>	а	Δa	b	Δb	С	Δc	∆EVEN a or b - EVEN a or b	(∑a+b +c)÷ a/2 = r _{next}	r	Δr	Δr ÷ 2	r² ÷ 4	Δr ² ÷ 4	s	t	∆t 2c	.2	∆t ÷ A 8	A ÷ 6	ΔΑ ÷ 6	Р	ΔΡ	Δ ΔΡ	f	Δf f	- U ÷ c = /	$ \begin{array}{c} b \\ b \\ b \\ $
1	4-3–5	4		3		5			6	2			1		2	1	50)	6	1		12			1		D	1
	Ist-14th LOWER Tertiary Branches																											
LOWER TERTIARY BRANCH	<u>PPT</u>	а	Δа	b	Δb		Δc	a or b - EVEN a or b	(∑ a+b +c)÷ a/2 = r _{next}	r	Δr	∆r ÷ 2	r² ÷ 4	Δr ² ÷ 4	S	t = (a+c) previous	∆t 2c	2	Δt ÷ A 8	A ÷ 6	∆A ÷ 6	Р	ΔΡ	ΔΡ	f	Δf f p	U ÷ c =)	$ \begin{array}{c} \Delta p \\ \Delta & \div \\ p & 4 \end{array} $
1	8-15-17	8	4	15	12	17	12	4	10	6	4	2	9 = 3²	8	2	9	8 578	8	1 60	10	9	40	28	16	7	6	2 5	4 1
2	12-35-37	12	4	35	20	37	20	4	14	10	4	2	25=5 ²	16	2	25	16 273	38	2 210	35	25	84	44	16	23	16	6 17	12 3
3	16-63-65	16	4	63	28	65	28	4	18	14	4	2	49=7 ²	24	2	49	24 845	50	3 504	84	49	144	60	16	47	24 1	0 37	20 5
4	20-99-101	20	4	99	36	101	36	4	22	18	4	2	81 = 9²	32	2	81	32 240)2	4 990	165	81	220	76	16	79	32 1	4 65	28 7
5	24-143-145	24	4	143	44	145	44	4	26	22	4	2	121=11 ²	40	2	121	40 420	50	5 1716	286	121	312	92	16	119	40 1	8 101	36 9
6	28-195-197	28	4	195	52	197	52	4	30	26	4	2	169=13 2	48	2	169	48 776	18	6 2730	455	169	420	108	16	167	48 2	2 145	44 11
7	32-255-257	32	4	255	60	257	60	4	34	30	4	2	225=15 2	56	2	225	56 1320	98	7 4080	680	225	544	124	16	223	56 2	.6 197	52 13
8	36-323-325	36	4	323	68	325	68	4	38	34	4	2	289=17 2	64	2	289	64 2112	250	8 5814	969	289	684	140	16	287	64 3	o 257	60 15
9	40-399-401	40	4	399	76	401	76	4	42	38	4	2	361=19 2	72	2	361	72 3216	602	9 7980	1330	361	840	156	16	359	72 3	34 325	68 17
10	44-483-485	44	4	483	84	485	84	4	46	42	4	2	441 =21 2	80	2	441	80 4704	50 ·	10 10626	1771	441	1012	172	16	439	80 3	8 401	76 19
11	48-575-577	48	4	575	92	577	92	4	50	46	4	2	529 =23 2	88	2	529	88 6658	358 ⁻	11 13800	2300	529	1200	188	16	527	88 4	2 485	84 21
12	52-675-677	52	4	675	100	677	100	4	54	50	4	2	625=25 2	96	2	625	96 9166	658 ⁻	12 17550	2925	625	1404	204	16	623	96 4	6 577	92 23
13	56-783-785	56	4	783	108	785	108	4	58	54	4	2	7 29=27 2	104	2	729	104 12324	450 ⁻	13 21924	3654	729	1624	220	16	727 1	104 5	677	100 25
14	60-899-901	60	4	899	116	901	116	4	62	58	4	2	841 =29 2	112	2	841	112 16236	602 ·	14 26970	4495	841	1860	236	16	839 -	112 5	⁵⁴ 785	108 27
Notes	$\sum a + b + c = r_{next}$ $a + c = s_{next}$ $a + c = s_{next}$ $a = r + s$ $a = r + s$ $a = r + s$ $a = c - t$ $b = c - s$ $c = u/p$ $c = u/p$ $b = c - s$ $b = c - s$ $c = u/p$ $c = u$										<i>= 2c + r</i> cumulate	Ine Δ in f is the $p = c - 2r$ $p_{next} = c$ accumulated $\Sigma + 8$ $\Delta p \div 4 = r_{previous}/2$ edThe Δ between fand p is theCOMMON DIAGONAL to all threeaccumulated $\Sigma + 4$ Branch. This unites them.																
Summary	Finding the NEXT LOWER is easy! Since we know: $a^{\dagger} = 4 \ b^{\dagger}$ and $c^{\dagger} = \sum \Delta + 8$, one can simply add these differences to the previous to generate the NEXT, e.i. to 8 -15-17 add 4 to <i>a</i> =12, <i>add</i> 8+12=20 to <i>b</i> =35 & 8+12=12 to <i>c</i> =37 to give the 12 -35-37 NEXT LOWER PPT. Because $(\sum a+b+c)/(a/2) = \sum/(a/2) = r_{next} = *P/a$, we have for the 8 -15-17: (8+15+17)/(8/2) = 40/4 = 10 = $r_{next} = P/(a/2)$, with <i>P</i> =40. We also know that r^{\dagger} by 4, so $r+4=6+4=10=r_{next}$. Then $r^2/2 = st = 10^2/2 = 50$. Knowing <i>s</i> =constant 2, therefore $t_{next} = 25$, confirmed by knowing that $\sqrt{t_{next}} = \text{the } 1^2-3^2-5^2-7^2-9^2$ ISL sequence, and that $a + c = t_{next} = 8 + 17 = 25$, we can easily calculate <i>a</i> , <i>b</i> & <i>c</i> : a = r + s = 10 + 2 = 12 $b = r + t = 10 + 25 = 35$ $c = r + s + t = 10 + 2 + 25 = 37$ to give the 12 -35-37 NEXT UPPER PPT. As P^{\dagger} by the $\sum \Delta + 16$, we add $28 + 16 = 44$ to $40 = 84$, confirming $P = a + b + c = 12 + 35 + 37 = 84$, with the starting <i>P</i> of the 8 -15-17, $P = 2c + r = (2x17) + 6 = 40$ & * <i>P</i> /(<i>a</i> /2) = $r_{next} = 40/(8/2) = 10 = \text{the } r$ -value of the 12 -35-37 PPT. From $f = t - s = b - a = 25 - 2 = 35 - 12 = 23$, we also know f^{\dagger} by the $\sum \Delta + 8$ sequence, as does the p^{\uparrow} . <i>c</i> = p_{next} is another confirming pattern, as the $c = 17$ of the 5 -12-13 = the p_{next} , <i>i.e.</i> the $p=17$ of the 12 -35-37 PPT. All Tertiary Branch Clusters have the same <i>p</i> -value!																											
Table 3b	Key: PPT=Primitive Pyth <i>The Tree of Pythagorean</i> an intermediary to the Upper Using the <i>Expanded Dickse</i> the respective PTT by both <i>A</i> , <i>P</i> , <i>f</i> & <i>p</i> values one car	hagorean Tripl Triples branche er and Lower br on Method on t algebra and ge n see the incred	e; <i>r=</i> e es fror anche the BE cometr dible w	even # such m the 3-4-5 I es of which it Branch sec BS-ISL Matr ry. Now, in Ta vay the funda	that r ²/ź PPT Tru is a par quence f ix , every able 3c , amental	2= <i>st</i> where <i>s</i> ink first into a rt. All PPT s – follows as an y PPT Branc , we look at th ISL number	<i>,t</i> are a 3-par - with interm h is ac ne ove seque	Factor t main no reponediary counter rall NF nce —	Pairs; A = branch, e eats — ar , hybrid s ed for by t PS of just o a sequer	Area; 4 each of re to be equence the prevone Brance that	4A=4A which found ce of th vious E anch s t inforr Copy	furth furth	; 8A=8 thago PPER ch. Th ence: he enti t © 20	BArea anche <i>ras</i> fi and l nis is here re BE 17, R	a; f=l es int first d LOW done we a BS-IS Regin	b-a=t-s & f ² =(b- to 2nd, 3rd, 4th, liscovered the U /ER, plus some by enlisting the are looking at th SL Matrix — ce ald Brooks	<i>-a)</i> ² , as <i>a</i> ² , Tertia JPPER Br amazing e <i>r,s,t,A,4</i> e MIDDLE ertainly cor	+ b ² ary B ranch Num (A,84 E der mes i	$f^2 = c^2 = 4A + f^2 = (8)$ Branches. Each Te h sequence, <i>Plato</i> <i>mber Pattern Sequ</i> <i>A,f</i> associated valu rived Branches . If into play here to fo	A + f ²) rtiary (a cen es as s By pars rm a c	follows atury lat (<i>NPS</i>) seen in sing ou onsiste	<i>U/c=p. U=s</i> ² . the lead <i>f</i> -valuer) discovered all to itself. the Table 2 s t the difference ont <i>NPS</i> link from	ht² A = ue of i l the L eries . es, Δ, om and	Pr/4 ts pre OWE All th in the d to e	& P = edece ER Bi nese e indiv each a	=4A/r= essor, ranch value vidual and e	<i>2c+r</i> , whereas but is actually f sequence. The s are derived dir <i>a, b, c, r, r², s,</i> very PPT on its	<i>c=2r+p</i> . ormed as MIDDLE rectly from <i>t</i> , <i>2c</i> ² , $\sqrt{2}$, Branch .