

$p^9n^{15}e^{10} p^9n^{16}e^{10} p^9n^{17}e^{10} p^9n^{18}e^{10}+2$
 $p^9n^{15}e^9 p^9n^{16}e^9 p^9n^{17}e^9 p^9n^{18}e^9 +2$
 $p^9n^{15}e^8 p^9n^{16}e^8 p^9n^{17}e^8 p^9n^{18}e^8+2$
 $p^8n^{15}e^9 p^8n^{16}e^9 p^8n^{17}e^9 p^8n^{18}e^9$
 $p^8n^{15}e^8 p^8n^{16}e^8 p^8n^{17}e^8 p^8n^{18}e^8$
 $p^8n^{15}e^7 p^8n^{16}e^7 p^8n^{17}e^7 p^8n^{18}e^7$
 $p^7n^{15}e^8 p^7n^{16}e^8 p^7n^{17}e^8$
 $p^7n^{15}e^7 p^7n^{16}e^7 p^7n^{17}e^7$
 $p^7n^{15}e^6 p^7n^{16}e^6 p^7n^{17}e^6$
 $p^6n^{15}e^7 p^6n^{16}e^7$
 $p^6n^{15}e^6 p^6n^{16}e^6$
 $p^6n^{15}e^5 p^6n^{16}e^5$
 $p^5n^2e^6 p^5n^3e^6 p^5n^4e^6 p^5n^5e^6 p^5n^6e^6 p^5n^7e^6 p^5n^8e^6 p^5n^9e^6 p^5n^{10}e^6 p^5n^{11}e^6 p^5n^{12}e^6 p^5n^{13}e^6 p^5n^{14}e^6$
 $p^5n^2e^5 p^5n^3e^5 p^5n^4e^5 p^5n^5e^5 p^5n^6e^5 p^5n^7e^5 p^5n^8e^5 p^5n^9e^5 p^5n^{10}e^5 p^5n^{11}e^5 p^5n^{12}e^5 p^5n^{13}e^5 p^5n^{14}e^5$
 $p^5n^2e^4 p^5n^3e^4 p^5n^4e^4 p^5n^5e^4 p^5n^6e^4 p^5n^7e^4 p^5n^8e^4 p^5n^9e^4 p^5n^{10}e^4 p^5n^{11}e^4 p^5n^{12}e^4 p^5n^{13}e^4 p^5n^{14}e^4$
 $p^4n^1e^5 p^4n^2e^5 p^4n^3e^5 p^4n^4e^5 p^4n^5e^5 p^4n^6e^5 p^4n^7e^5 p^4n^8e^5 p^4n^9e^5 p^4n^{10}e^3$
 $p^4n^1e^4 p^4n^2e^4 p^4n^3e^4 p^4n^4e^4 p^4n^5e^4 p^4n^6e^4 p^4n^7e^4 p^4n^8e^4 p^4n^9e^4 p^4n^{10}e^4$
 $p^4n^1e^3 p^4n^2e^3 p^4n^3e^3 p^4n^4e^3 p^4n^5e^3 p^4n^6e^3 p^4n^7e^3 p^4n^8e^3 p^4n^9e^3 p^4n^{10}e^3$
 $p^3n^1e^4 p^3n^2e^4 p^3n^3e^4 p^3n^4e^4 p^3n^5e^4 p^3n^6e^4 p^3n^7e^4 p^3n^8e^4 p^3n^9e^4$
 $p^3n^1e^3 p^3n^2e^3 p^3n^3e^3 p^3n^4e^3 p^3n^5e^3 p^3n^6e^3 p^3n^7e^3 p^3n^8e^3 p^3n^9e^3$
 $p^3n^1e^2 p^3n^2e^2 p^3n^3e^2 p^3n^4e^2 p^3n^5e^2 p^3n^6e^2 p^3n^7e^2 p^3n^8e^2 p^3n^9e^2$
 $p^2n^1e^3 p^2n^2e^3 p^2n^3e^3 p^2n^4e^3 p^2n^5e^3 p^2n^6e^3 p^2n^7e^3 p^2n^8e^3$
 $p^2n^1e^2 p^2n^2e^2 p^2n^3e^2 p^2n^4e^2 p^2n^5e^2 p^2n^6e^2 p^2n^7e^2 p^2n^8e^2$
 $p^2n^1e^1 p^2n^2e^1 p^2n^3e^1 p^2n^4e^1 p^2n^5e^1 p^2n^6e^1 p^2n^7e^1 p^2n^8e^1$
 $p^1 - e^2 p^1n^1e^2 p^1n^2e^2 p^1n^3e^2 p^1n^4e^2 p^1n^5e^2$
 $p^1 - e^1 p^1n^1e^1 p^1n^2e^1 p^1n^3e^1 p^1n^4e^1 p^1n^5e^1$
 $p^1 - - p^1n^1 - p^1n^2 - p^1n^3 - p^1n^4 - p^1n^5 -$
 n^1

	$p^5n^2e^6$	$p^5n^3e^6$	$p^5n^4e^6$	$p^5n^5e^6$	$p^5n^6e^6$	$p^5n^7e^6$	$p^5n^8e^6$	$p^5n^9e^6$	$p^5n^{10}e^6$	$p^5n^{11}e^6$	$p^5n^{12}e^6$	$p^5n^{13}e^6$	$p^5n^{14}e^6$
	$p^5n^2e^5$	$p^5n^3e^5$	$p^5n^4e^5$	$p^5n^5e^5$	$p^5n^6e^5$	$p^5n^7e^5$	$p^5n^8e^5$	$p^5n^9e^5$	$p^5n^{10}e^5$	$p^5n^{11}e^5$	$p^5n^{12}e^5$	$p^5n^{13}e^5$	$p^5n^{14}e^5$
	$p^5n^2e^4$	$p^5n^3e^4$	$p^5n^4e^4$	$p^5n^5e^4$	$p^5n^6e^4$	$p^5n^7e^4$	$p^5n^8e^4$	$p^5n^9e^4$	$p^5n^{10}e^4$	$p^5n^{11}e^4$	$p^5n^{12}e^4$	$p^5n^{13}e^4$	$p^5n^{14}e^4$
$p^4n^1e^5$	$p^4n^2e^5$	$p^4n^3e^5$	$p^4n^4e^5$	$p^4n^5e^5$	$p^4n^6e^5$	$p^4n^7e^5$	$p^4n^8e^5$	$p^4n^9e^5$	$p^4n^{10}e^5$	$p^4n^{10}e^3$			
$p^4n^1e^4$	$p^4n^2e^4$	$p^4n^3e^4$	$p^4n^4e^4$	$p^4n^5e^4$	$p^4n^6e^4$	$p^4n^7e^4$	$p^4n^8e^4$	$p^4n^9e^4$	$p^4n^{10}e^4$	$p^4n^{10}e^4$			
$p^4n^1e^3$	$p^4n^2e^3$	$p^4n^3e^3$	$p^4n^4e^3$	$p^4n^5e^3$	$p^4n^6e^3$	$p^4n^7e^3$	$p^4n^8e^3$	$p^4n^9e^3$	$p^4n^{10}e^3$	$p^4n^{10}e^3$			
$p^3n^1e^4$	$p^3n^2e^4$	$p^3n^3e^4$	$p^3n^4e^4$	$p^3n^5e^4$	$p^3n^6e^4$	$p^3n^7e^4$	$p^3n^8e^4$	$p^3n^9e^4$					
$p^3n^1e^3$	$p^3n^2e^3$	$p^3n^3e^3$	$p^3n^4e^3$	$p^3n^5e^3$	$p^3n^6e^3$	$p^3n^7e^3$	$p^3n^8e^3$	$p^3n^9e^3$					
$p^3n^1e^2$	$p^3n^2e^2$	$p^3n^3e^2$	$p^3n^4e^2$	$p^3n^5e^2$	$p^3n^6e^2$	$p^3n^7e^2$	$p^3n^8e^2$	$p^3n^9e^2$					
$p^2n^1e^3$	$p^2n^2e^3$	$p^2n^3e^3$	$p^2n^4e^3$	$p^2n^5e^3$	$p^2n^6e^3$	$p^2n^7e^3$	$p^2n^8e^3$						
$p^2n^1e^2$	$p^2n^2e^2$	$p^2n^3e^2$	$p^2n^4e^2$	$p^2n^5e^2$	$p^2n^6e^2$	$p^2n^7e^2$	$p^2n^8e^2$						
$p^2n^1e^1$	$p^2n^2e^1$	$p^2n^3e^1$	$p^2n^4e^1$	$p^2n^5e^1$	$p^2n^6e^1$	$p^2n^7e^1$	$p^2n^8e^1$						
$p^1n^0e^2$	$p^1n^1e^2$	$p^1n^2e^2$	$p^1n^3e^2$	$p^1n^4e^2$	$p^1n^5e^2$								
$p^1n^0e^1$	$p^1n^1e^1$	$p^1n^2e^1$	$p^1n^3e^1$	$p^1n^4e^1$	$p^1n^5e^1$								
$p^1n^0e^0$	$p^1n^1e^0$	$p^1n^2e^0$	$p^1n^3e^0$	$p^1n^4e^0$	$p^1n^5e^0$								

n^1

$p^5n^2e^6$	$p^5n^3e^6$	$p^5n^4e^6$	$p^5n^5e^6$	$p^5n^6e^6$	$p^5n^7e^6$	$p^5n^8e^6$	$p^5n^9e^6$	$p^5n^{10}e^6$	$p^5n^{11}e^6$	$p^5n^{12}e^6$	$p^5n^{13}e^6$	$p^5n^{14}e^6$
$p^5n^2e^5$	$p^5n^3e^5$	$p^5n^4e^5$	$p^5n^5e^5$	$p^5n^6e^5$	$p^5n^7e^5$	$p^5n^8e^5$	$p^5n^9e^5$	$p^5n^{10}e^5$	$p^5n^{11}e^5$	$p^5n^{12}e^5$	$p^5n^{13}e^5$	$p^5n^{14}e^5$
$p^5n^2e^4$	$p^5n^3e^4$	$p^5n^4e^4$	$p^5n^5e^4$	$p^5n^6e^4$	$p^5n^7e^4$	$p^5n^8e^4$	$p^5n^9e^4$	$p^5n^{10}e^4$	$p^5n^{11}e^4$	$p^5n^{12}e^4$	$p^5n^{13}e^4$	$p^5n^{14}e^4$

$p^4n^1e^5$ $p^4n^2e^5$ $p^4n^3e^5$ $p^4n^4e^5$ $p^4n^5e^5$ $p^4n^6e^5$ $p^4n^7e^5$ $p^4n^8e^5$ $p^4n^9e^5$ $p^4n^{10}e^5$ $p^4n^{10}e^3$ beryliom řada – iontů záporných

$p^4n^1e^4$ $p^4n^2e^4$ $p^4n^3e^4$ $p^4n^4e^4$ $p^4n^5e^4$ $p^4n^6e^4$ $p^4n^7e^4$ $p^4n^8e^4$ $p^4n^9e^4$ $p^4n^{10}e^4$ berylium řada – atom + izotop

$p^4n^1e^3$ $p^4n^2e^3$ $p^4n^3e^3$ $p^4n^4e^3$ $p^4n^5e^3$ $p^4n^6e^3$ $p^4n^7e^3$ $p^4n^8e^3$ $p^4n^9e^3$ $p^4n^{10}e^3$ beyrlium řada – iontů zápor.

$p^3n^1e^4$ $p^3n^2e^4$ $p^3n^3e^4$ $p^3n^4e^4$ $p^3n^5e^4$ $p^3n^6e^4$ $p^3n^7e^4$ $p^3n^8e^4$ $p^3n^9e^4$ >> lithiová řada – iontů záporných

$p^3n^1e^3$ $p^3n^2e^3$ $p^3n^3e^3$ $p^3n^4e^3$ $p^3n^5e^3$ $p^3n^6e^3$ $p^3n^7e^3$ $p^3n^8e^3$ $p^3n^9e^3$ >> lithiová řada – atom + izotopy

$p^3n^1e^2$ $p^3n^2e^2$ $p^3n^3e^2$ $p^3n^4e^2$ $p^3n^5e^2$ $p^3n^6e^2$ $p^3n^7e^2$ $p^3n^8e^2$ $p^3n^9e^2$ >> lithiová řada – iontů kladných

$p^2n^1e^3$ $p^2n^2e^3$ $p^2n^3e^3$ $p^2n^4e^3$ $p^2n^5e^3$ $p^2n^6e^3$ $p^2n^7e^3$ $p^2n^8e^3$ >>>>>> heliová řada - iontů záporných

$p^2n^1e^2$ $p^2n^2e^2$ $p^2n^3e^2$ $p^2n^4e^2$ $p^2n^5e^2$ $p^2n^6e^2$ $p^2n^7e^2$ $p^2n^8e^2$ >>>>>> heliová řada - atom + izotopy

$p^2n^1e^1$ $p^2n^2e^1$ $p^2n^3e^1$ $p^2n^4e^1$ $p^2n^5e^1$ $p^2n^6e^1$ $p^2n^7e^1$ $p^2n^8e^1$ >>>>>> heliová řada - iontů kladných

$p^1n^0e^2$ $p^1n^1e^2$ $p^1n^2e^2$ $p^1n^3e^2$ $p^1n^4e^2$ $p^1n^5e^2$ >>>>>> vodíková řada - iontů záporných

$p^1n^0e^1$ $p^1n^1e^1$ $p^1n^2e^1$ $p^1n^3e^1$ $p^1n^4e^1$ $p^1n^5e^1$ >>>>>> vodíková řada - atom + izotopy

$p^1n^0e^0$ $p^1n^1e^0$ $p^1n^2e^0$ $p^1n^3e^0$ $p^1n^4e^0$ $p^1n^5e^0$ >>>>>> vodíková řada - jader (iontů kladných)

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$p^3n^1e^4$ $p^3n^2e^4$ $p^3n^3e^4$ $p^3n^4e^4$ $p^3n^5e^4$ $p^3n^6e^4$ $p^3n^7e^4$ $p^3n^8e^4$ $p^3n^9e^4$ >> lithiová řada – iontů záporných

$p^3n^1e^3$ $p^3n^2e^3$ $p^3n^3e^3$ $p^3n^4e^3$ $p^3n^5e^3$ $p^3n^6e^3$ $p^3n^7e^3$ $p^3n^8e^3$ $p^3n^9e^3$ >> lithiová řada – atom + izotopy

$p^3n^1e^2$ $p^3n^2e^2$ $p^3n^3e^2$ $p^3n^4e^2$ $p^3n^5e^2$ $p^3n^6e^2$ $p^3n^7e^2$ $p^3n^8e^2$ $p^3n^9e^2$ >> lithiová řada – iontů kladných

iont izoto iont izoto iont iont izozo
lithia lithia lithia lithia

$p^2n^1e^3$ $p^2n^2e^3$ $p^2n^3e^3$ $p^2n^4e^3$ $p^2n^5e^3$ $p^2n^6e^3$ $p^2n^7e^3$ $p^2n^8e^3$ >>>>>> heliová řada - iontů záporných

iont izotopu iont iont izotopu
helia helia helia

$p^2n^0e^2$ $p^2n^1e^2$ $p^2n^2e^2$ $p^2n^3e^2$ $p^2n^4e^2$ $p^2n^5e^2$ $p^2n^6e^2$ $p^2n^7e^2$ $p^2n^8e^2$ >>>>>> heliová řada - atom + izotopy

He-2 He-3 He-4 He-5
lehké izotop helium izotop izotop
helium helia atom helia helia

$p^2n^1e^1$ $p^2n^2e^1$ $p^2n^3e^1$ $p^2n^4e^1$ $p^2n^5e^1$ $p^2n^6e^1$ $p^2n^7e^1$ $p^2n^8e^1$ >>>>>> heliová řada - iontů kladných

iont izotopu iont iont izotopu
helia helia helia

$p^2n^2e^0$

α - částice

>>>>>> heliová řada – jader (iontů kladných)

$p^1n^0e^2$ $p^1n^1e^2$ $p^1n^2e^2$ $p^1n^3e^2$ $p^1n^4e^2$ $p^1n^5e^2$ >>>>>> vodíková řada - iontů záporných
iont H iont D iont T

$p^1n^0e^1$ $p^1n^1e^1$ $p^1n^2e^1$ $p^1n^3e^1$ $p^1n^4e^1$ $p^1n^5e^1$ >>>>>> vodíková řada - atom + izotopy
H D T ? ? ?

vodík deuterium tritium quartium pentium sextium
atom atom atom atom atom atom

$p^1n^0e^0$ $p^1n^1e^0$ $p^1n^2e^0$ $p^1n^3e^0$ $p^1n^4e^0$ $p^1n^5e^0$ >>>>>> vodíková řada - jader (iontů kladných)
jádro jádro jádro jádro jádro jádro

vodík deuterium tritium quartia pentia sextia
deuteron

n^1

>>>>>> izotop iontová řada jader ??

$p^3n^1e^4$	$p^3n^2e^4$	$p^3n^3e^4$	$p^3n^4e^4$	$p^3n^5e^4$	$p^3n^6e^4$	$p^3n^7e^4$	$p^3n^8e^4$	$p^3n^9e^4$	>>>	lithiová řada – iontů záporných	
$p^3n^1e^3$	$p^3n^2e^3$	$p^3n^3e^3$	$p^3n^4e^3$	$p^3n^5e^3$	$p^3n^6e^3$	$p^3n^7e^3$	$p^3n^8e^3$	$p^3n^9e^3$	>>>	lithiová řada – atom + izotopy	
$p^3n^1e^2$	$p^3n^2e^2$	$p^3n^3e^2$	$p^3n^4e^2$	$p^3n^5e^2$	$p^3n^6e^2$	$p^3n^7e^2$	$p^3n^8e^2$	$p^3n^9e^2$	>>>	lithiová řada – iontů kladných	
<hr/>											
iont izoto	iont izoto	iont	iont izozo								
lithia	lithia	lithia	lithia	dtto							
<hr/>											
$p^2n^1e^3$	$p^2n^2e^3$	$p^2n^3e^3$	$p^2n^4e^3$	$p^2n^5e^3$	$p^2n^6e^3$	$p^2n^7e^3$	$p^2n^8e^3$	>>>>>>			heliová řada - iontů záporných
iont izotopu	iont	iont izotopu									
helia	helia	helia	dtto								
<hr/>											
$p^2n^0e^2$	$p^2n^1e^2$	$p^2n^2e^2$	$p^2n^3e^2$	$p^2n^4e^2$	$p^2n^5e^2$	$p^2n^6e^2$	$p^2n^7e^2$	$p^2n^8e^2$	>>>>>>		heliová řada - atom + izotopy
He-2	He-3	He-4	He-5								
lehké helium	izotop helium	izotop	izotop								
helium	helia	atom	helia	helia	dtto						
<hr/>											
$p^2n^1e^1$	$p^2n^2e^1$	$p^2n^3e^1$	$p^2n^4e^1$	$p^2n^5e^1$	$p^2n^6e^1$	$p^2n^7e^1$	$p^2n^8e^1$	>>>>>>			heliová řada - iontů kladných
iont izotopu	iont	iont izotopu									
helia	helia	helia	dtto								
<hr/>											
$p^2n^2e^0$	>>>>>>									heliová řada – jader (iontů +)	
α - částice											
<hr/>											
$p^1n^0e^2$	$p^1n^1e^2$	$p^1n^2e^2$	$p^1n^3e^2$	$p^1n^4e^2$	$p^1n^5e^2$	>>>>>>					vodíková řada - iontů záporných
iont H	iont D	iont T	Q	Π	?						
<hr/>											
$p^1n^0e^1$	$p^1n^1e^1$	$p^1n^2e^1$	$p^1n^3e^1$	$p^1n^4e^1$	$p^1n^5e^1$	>>>>>>					vodíková řada - atom + izotopy
H	D	T	?	?	?						
vodík	deuterium	tritium	quartium	pentium	sextium						
atom	atom	atom	atom	atom	atom						
<hr/>											
$p^1n^0e^0$	$p^1n^1e^0$	$p^1n^2e^0$	$p^1n^3e^0$	$p^1n^4e^0$	$p^1n^5e^0$	>>>>>>					vodíková řada - jader (iontů kladných)
jádro	jádro	jádro	jádro	jádro	jádro						
vodík	deuteria	trititia	quartia	pentia	sextia						
deuteron											
<hr/>											
n^1											

$p^{11}n^5e^{12}$ $p^{11}n^6e^{12}$ $p^{11}n^7e^{12}$ $p^{11}n^8e^{12}$ $p^{11}n^9e^{12}$ $p^{11}n^{10}e^{12}$ $p^{11}n^{11}e^{12}$
 $p^{11}n^5e^{11}$ $p^{11}n^6e^{11}$ $p^{11}n^7e^{11}$ $p^{11}n^8e^{11}$ $p^{11}n^9e^{11}$ $p^{11}n^{10}e^{11}$ $p^{11}n^{11}e^{11}$
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 $p^1n^0e^0$ $p^1n^1e^0$ $p^1n^2e^0$ $p^1n^3e^0$ $p^1n^4e^0$ $p^1n^5e^0$
 $p^0n^0e^1$ $p^0n^1e^1$
 $p^0n^0e^0$ $p^0n^1e^0$
 $p^0n^0e^{-1}$ $p^0n^1e^{-1}$

$$p \cdot e^- = n \cdot v$$

$$\frac{x^3 \cdot t^0}{x^0 \cdot t^2} \cdot \frac{x^2 \cdot t^2}{x^2 \cdot t^1} = \frac{x^3 \cdot t^1}{x^0 \cdot t^3} \cdot \frac{x^0 \cdot t^1}{x^0 \cdot t^0}$$

$p^{11}n^5e^{12}$ $p^{11}n^6e^{12}$ $p^{11}n^7e^{12}$ $p^{11}n^8e^{12}$ $p^{11}n^9e^{12}$ $p^{11}n^{10}e^{12}$ $p^{11}n^{11}e^{12}$
 $p^{11}n^5e^{11}$ $p^{11}n^6e^{11}$ $p^{11}n^7e^{11}$ $p^{11}n^8e^{11}$ $p^{11}n^9e^{11}$ $p^{11}n^{10}e^{11}$ $p^{11}n^{11}e^{11}$
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 $p^0n^0e^0$ $p^0n^1e^0$
 $p^0n^0e^{-1}$ $p^0n^1e^{-1}$

New Hypothesis

r. 2001

baryony : (kvarky) $x^n \cdot t^m / x^k t^l$ a A
(rezonance)

Δ^{++}	\equiv (UUU)	$= x^3 \cdot t^{-1} / x^0 t^1$	$= x^3 / t^2$	$\cdot x^0 \cdot t^{-1} / x^0 \cdot t^{-1}$
Δ^+ , p (proton)	\equiv (UUD)	$= x^3 \cdot t^0 / x^0 t^2$	$= x^3 / t^2$	$\cdot x^0 \cdot t^0 / x^0 \cdot t^0$
Δ^0 , n (neutron)	\equiv (UDD)	$= x^3 \cdot t^1 / x^0 t^3$	$= x^3 / t^2$	$\cdot x^0 \cdot t^1 / x^0 \cdot t^1$
Δ^-	\equiv (DDD)	$= x^3 \cdot t^2 / x^0 t^4$	$= x^3 / t^2$	$\cdot x^0 \cdot t^2 / x^0 \cdot t^2$
Σ^+	\equiv (USU)	$= x^4 \cdot t^0 / x^1 t^2$	$= x^3 / t^2$	$\cdot x^1 \cdot t^0 / x^1 \cdot t^0$
Σ^0 , Λ^0	\equiv (USD)	$= x^4 \cdot t^1 / x^1 t^3$	$= x^3 / t^2$	$\cdot x^1 \cdot t^1 / x^1 \cdot t^1$
Σ^-	\equiv (DSD)	$= x^4 \cdot t^2 / x^1 t^4$	$= x^3 / t^2$	$\cdot x^1 \cdot t^2 / x^1 \cdot t^2$
Ξ^0	\equiv (SUS)	$= x^5 \cdot t^1 / x^2 t^3$	$= x^3 / t^2$	$\cdot x^2 \cdot t^1 / x^2 \cdot t^1$
Ξ^-	\equiv (SDS)	$= x^5 \cdot t^2 / x^2 t^4$	$= x^3 / t^2$	$\cdot x^2 \cdot t^2 / x^2 \cdot t^2$
Ω^-	\equiv (SSS)	$= x^6 \cdot t^2 / x^3 t^4$	$= x^3 / t^2$	$\cdot x^3 \cdot t^2 / x^3 \cdot t^2$

Σ_c^{++}	\equiv (UCU)	$= x^4 \cdot t^1 / x^1 t^3$	$= x^3 / t^2$	$\cdot x^1 \cdot t^1 / x^1 \cdot t^1$
Σ_c^+	\equiv (UCD)	$= x^4 \cdot t^2 / x^1 t^4$	$= x^3 / t^2$	$\cdot x^1 \cdot t^2 / x^1 \cdot t^2$
Σ_c^0 , Λ_c^0	\equiv (DCD)	$= x^4 \cdot t^3 / x^1 t^5$	$= x^3 / t^2$	$\cdot x^1 \cdot t^3 / x^1 \cdot t^3$
Ξ_c^+	\equiv (CUS)	$= x^5 \cdot t^2 / x^2 t^4$	$= x^3 / t^2$	$\cdot x^2 \cdot t^2 / x^2 \cdot t^2$
Ξ_c^0	\equiv (CDS)	$= x^5 \cdot t^3 / x^2 t^5$	$= x^3 / t^2$	$\cdot x^2 \cdot t^3 / x^2 \cdot t^3$
Ω_c^0	\equiv (CSS)	$= x^6 \cdot t^3 / x^3 t^5$	$= x^3 / t^2$	$\cdot x^3 \cdot t^3 / x^3 \cdot t^3$

Ξ_{cc}^{++}	\equiv (CCU)	$= x^5 \cdot t^3 / x^2 t^5$	$= x^3 / t^2$	$\cdot x^2 \cdot t^3 / x^2 \cdot t^3$
Ξ_{cc}^+	\equiv (CCD)	$= x^5 \cdot t^4 / x^2 t^6$	$= x^3 / t^2$	$\cdot x^2 \cdot t^4 / x^2 \cdot t^4$
Ω_{cc}^+	\equiv (CCS)	$= x^6 \cdot t^4 / x^3 t^6$	$= x^3 / t^2$	$\cdot x^3 \cdot t^4 / x^3 \cdot t^4$

Ω_{ccc}^{++}	\equiv (CCC)	$= x^6 \cdot t^5 / x^3 t^7$	$= x^3 / t^2$	$\cdot x^3 \cdot t^5 / x^3 \cdot t^5$
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(pyramida) $\qquad \qquad \qquad$ částice = báze . „kulhavé schody“
ve dvouveličinovém
stavu