

*Article Courtesy of:
United States Faceters Guild Newsletter
December 2009*

AN INTERVIEW WITH MYSELF

By Victor Tuzlukov

The way of a master always supposes teaching. Even if a master has no-one to share his achievements, one part of his consciousness is always a student; absorbing knowledge, skills, and methods of mastery and another part is teacher; systemising the experience, composing the methods of work and examining himself. At one time, I had a chance to overhear a conversation between the student and master inside myself.



Student: What is the difference between craft and art?

Master: The difference is an aspiration for perfection.

Student: But the ideal is unachievable. We can just approach it. What is the sense of moving forward if you know you'll never achieve the goal?

Master: Such thoughts are appropriate for a beginner, but if a master starts thinking like that, he is no longer a creator of beauty, just a craftsman. The ideal is achievable and unachievable at the same time. It is achievable in the perception of an admiring audience, when the charm of art inspires, gives strength, and awakens feelings and creative impulses. But a real master should never consider his work an achieved ideal no matter how perfect it seems. Otherwise development ceases.

Student: Is it true that a piece of art is something finished and original with its distinctive features and never a part of something entire? For instance: A building can be art, but the brick used to produce it is just craft, independent of its perfection.

Master: You are right, but only in part, in your example, bricks lack individuality, being part of the whole. But should we take Mona Lisa out of the frame, it will remain a work of art, though it will lose its wholeness.

Art is spiritualization of the matter awakening a creative resonance in the souls of people. The instruments of a master may be different: paints and canvass, pen and paper, guitar and microphone, or stone and a polishing lap. We have chosen a gemstone as a carrier of our creative energy, and with that lays an additional responsibility for us. An artist can repaint a poor picture; a sculptor can take another piece of marble. But we sometimes have to deal with gems so rare, that each of them may be unique and it will be quite difficult to find an equivalent. We have no right to make a mistake! There are so many cases when the work of a cutter does not make a stone attractive, but on the contrary, spoils it. As when amazing, almost perfect crystals of Tourmaline, Beryl or Quartz are cut into featureless, inaccurate inserts of a standard form. Of course, it is not easy for a man to compete with nature, though the source of inspiration is the same and is inexhaustible.

Student: I've heard that if faceting is close to the ideal, a stone lacks individuality. As if we imagine a perfect human's face without any wrinkles and prominences it will be beautiful but dead. What would you say, Master?

Master: I think there is a substitution of concepts in your statement. There are ideals of human face beauty that were formed over centuries, and the lack of which will be treated as an aberration. These canons are well known: proportionality of features, symmetry, and healthy combination of the colour of skins, hair, and eyes.

We can hardly say that a pale face with an abnormally big nose and scowling glance is beautiful. These particularities don't impart it with charm and individuality. In cutting, it is the same. There are strict requirements to the precision of meet points, facet flatness, symmetry in accordance with the pattern, and quality of polishing. The higher the mastery of the cutter, the better he follows these requirements. Each gemstone becomes individual and unique due to the combination of colour (tone and saturation, clarity weight, and pattern of facets, which do not violate but underline the beauty and harmony of the stone.

Student: It is well known that the level of mastership is seen in comparison. Competitions between poets, singers, philosophers, and orators have been held since ancient times. Even now, different literary and music contests or film festivals are very popular. What is your opinion on how a faceting competition should be held?

Master: First of all let's denominate the conception of a competition. I am sure that creative contests and festivals have slightly different aims than, say, sport competitions. The main goal of creative contests is the attraction or popularisation of one kind of art. In competitions, the aim of any entrant is to win a victory by means of defeating his rivals. However, Rembrandt had no need to win over Rubens to become a great painter. The genius of Fellini needs no Oscars. Presently, faceting competitions are held within non commercial organisations; guilds, associations, etc.. But they are closer to sports competitions than to creative ones. I would separate faceting as a sport, and cutting as an art.

Student: Haven't I misheard you? You said that faceting can be treated as a sport?

Master: What's strange in that? If we speak about competitions in their contemporary form, what is the difference between and, say, bow shooting? The same alert the eye, the same reliable hand. Attention, concentration, patience, and mastery in the use of the instruments. The same element of luck with conditions of unpredictability: A sudden wind or an inclusion or cleavage plane unseen from the outside. In the same way, we count the score for the preciseness, symmetry, and smoothness of polish in faceting, and thus it is possible to get the absolute result – 100 points out of 100 per stone. It means that for development, it is necessary to increase the quantity of the stones, to complicate designs and to find new criteria for judging.

Student: Still, how do you imagine the future competitions?

Master: Firstly, I would sort out the different areas of cutting and would propose competitions for each of them. For craftsmen, I would choose some standard forms with a defined pattern and number of facets and would hold the competition for speed. Perhaps a set of three stones of different shapes done in the fastest time, with some regard for minimum appearance. Surely penalty points would be charged for decrease of gem quality. For sportsmen, I would hold the competition in today's form, with the fixed size, pattern, and material, but with a time limit. For instance, not more than 20 hours for one stone, and for artistic creators will be no limits at all! The criteria of judging would be quite different: Paying more attention to aesthetic perception by means of viewer's voting, maybe via the internet, and one important thing – I would not give score and places, but would single out the laureates and award special prizes to the most remarkable works for – original design, mastery, charm of the stone, meaningfulness, etc.. Still, art should unite people instead of making them compete with one another.

Student: Can a stone, besides its beauty, possess some meaning, be a carrier of information?

Master: Let's think together. Strictly speaking, any object of image is a carrier of information. On the external level, characteristic features of the object which we perceive with our sense organs (colour, shape, size, scent, etc.). On an internal level it is information about the conditions of the growth of the crystal, its chemical structure. But, as I understand you mean additional information, which the stone acquires in the process of cutting?

Student: You are quite right. I wanted to ask what a cutter could say to people through means of a gemstone.

Master: It is an appropriate question, and it already includes part of the answer. Remember what we were talking about. A real artist spiritualises matter. In other words he fills it with new new positive information. Of course, it is possible to plot letters, numbers or images directly on the facet of the stone, to make a family portrait, or wishful gems, and it would work. But real art does not speak in words, but in feelings,

emotions, associations and more! Arouse the effect of creative resonance in peoples' minds! Besides that, it is possible to encode different symbols, either very simply and clear to everyone, or deeply philosophical, within the design of the facets, by form and disposition. For instance, here is the description of the symbolism of one gemstone, created for a Buddhist teacher:

"Five binary rays symbolising the birth of the Universe come from the culet. They denominate 5 First Elements (earth, water, fire and ether) in the unity of female and male aspects. They are limited by 5 points equidistant from the centre. From each of these points there come twelve rays which symbolise the Twelve Reasons of the existence of the breather (birth, organs of senses, love, knowledge, death etc.) Thus, 12 x 5 – 60 rays come to the girdle, also divided into 60 facets (equal to the number of years in the Tibetan calendar) and reflecting the circle of our existence, Samsara. The rays, coming up from the girdle are grouped into 10 in 6 points symbolising the six worlds in which live the breathers (according to the Buddhist belief) and each of which has 10 directions (four main – east, west, south, north; four intermediate and up and down). From each of these 6 points there come 7 rays (the Seven Gates or the seven ways to Felicity) which lead us to the table—an area embodying the top of the spiritual development and the liberation from the sufferings. One more symbol is the ratio of the table diameter to the width of the stone which forms the "golden section" speaking about the untied highest harmony of all existing. Thus, this stone reflects the whole process of the evolution of human (and correspondingly the cosmos) from the creation till the highest point of development."

Such gemstones, like parable, legends, and folk tales, are perceived differently by people with various levels of awareness. Some people could just appreciate the spread of sparks coming from the numerous facets, another person would look through the kaleidoscope of reflections, and someone else might keep silenced immersed into the spiritual contemplation of the materialised life cycle of the Universe.

VICTOR TUZLUKOV'S "MYSTERY OF THE UNIVERSE"



The crown

As described in the self interview above.
The stone is CZ



Pavilion of the same stone.

Look carefully and you will see a Russian Coat of Arms, embedded below the table with metal ions.

USFG Editors Note:

Victor resides in Moscow and is the winner of the USFG Masters Single Stone competition with a perfect score. He recently participated in a multi media exhibition, Lapis Philosophorum and has very graciously provided all seven original patterns to be shared with the USFG. If you would like to communicate, his e-mail can be found in the design pages. Many of these designs will be very difficult!

UKFCG Editors Note: We are very grateful to the USFG for kindly allowing us to reproduce this article and the following designs.

As a point aside, Victor also won first place in the 2009 UKFCG Open competition.

LAPIS PHILOSOPHORUM

DTA Group presents an exhibition of works by the master of gemstones cutting Victor Tuzlukov.

Saying that gemstones cutting may rank with such genres as painting, literature, cinema, the master creates unique works of art from natural precious and semi-precious rough, genuine "Philosopher's stones". Patterns of facets form into symbols reflecting profound philosophical concepts. Eternity contained in the present moment is pulsing in the stone "The Great – in the Tiny" as the image of a galaxy; a man as the reflection of Cosmos Infinity can be discerned in the depth of "The Mystery of the Universe"; responsibility of Humanity for destroying our world is looking at us by the eyes of Lion in the stone "The Winner"... Short, but rich in content, parables written by the master himself and the paintings by Sergey Ulyanovskiy help to convey the message expressed in the seven stones of this exhibition.

Cosmos – Earth – Nature – Man – Creativity – Wisdom – the Birth of a new world – this is the way we pass together with the exhibition's authors. And together with them we realize the evolution's cyclicity; the last stage keeps not only the echo of the first one, but also the potential for the new seven-step turn and so on...

Our team hope that issues touched by the exhibition will find a response in your soul and help you better realize your own place in the world.

1. THE GREAT IN A TINY



How many people had passed that fork? That time three met there: a little boy, a middle-aged man and a grey old man with a darkened staff. There was something common in their appearance: either confidence of steady gait, or joy in clear eyes.

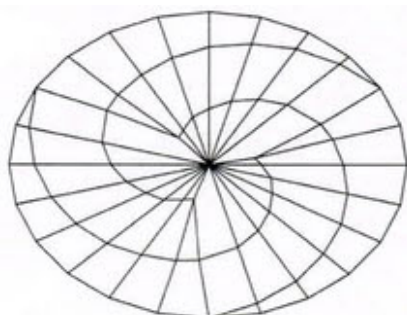
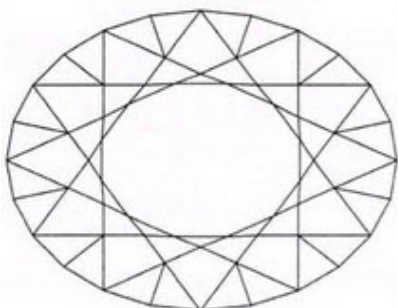
Man stopped and looked at other travelers.

"This is strange," He said. "Once in my childhood I stood at the same fork and spoke with an adult and an old man."

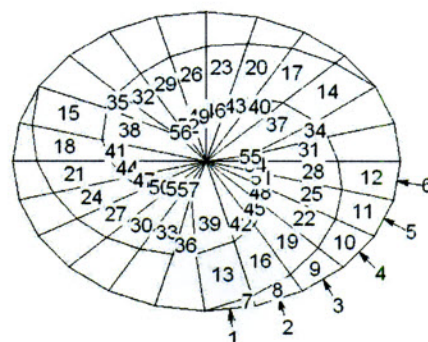
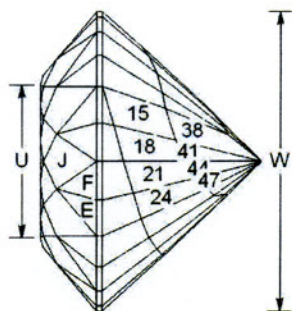
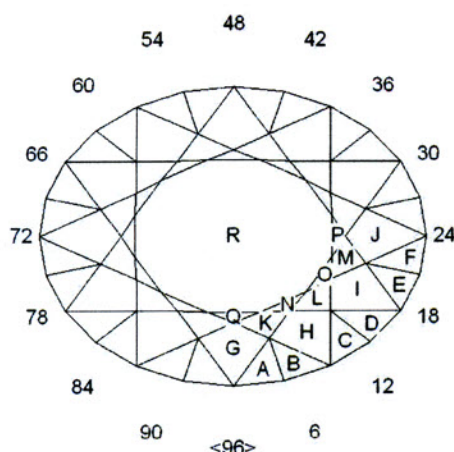
"No surprise," Old Man smiled. "Watch attentively: we are you. A little later your science will find out that the Past and the Future – are just two facets of the single Eternity joined in the swiftly passing 'now'. The same is in the space – the great reflects in the tiny, the atomic structure imitates the galaxy."

Old Man took a small stone and gave it to Boy, "Let this little one remind you about the great treasure of the present moment containing all your life."

"I remember," Man thought and touched tenderly the stone he had always kept in his breast pocket.



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The Great in a tiny

created by Victor Tuzlukov (C) for LAPIS PHILOSOPHURUM exhibition

Angles for R.I. = 1.540

130 + 24 girdles = 154 facets

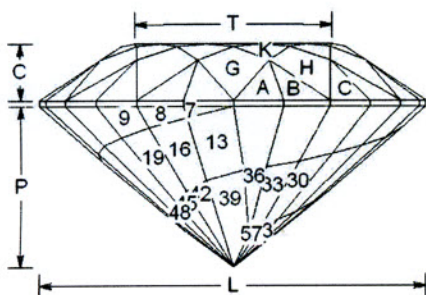
1-fold radial symmetry

96 index

L/W = 1.300 T/W = 0.662 U/W = 0.509

P/W = 0.539 C/W = 0.189

Vol./W³ = 0.328



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THE GREAT IN A TINY PAVILION

1	90.00	01.5 - 46.5 - 49.5 - 94.5
2	90.00	04.7 - 43.3 - 52.7 - 91.3
3	90.00	08.1 - 39.9 - 56.1 - 87.9
4	90.00	12.0 - 36.0 - 60.0 - 84.0
5	90.00	16.5 - 31.5 - 64.5 - 79.5
6	90.00	21.4 - 26.6 - 69.4 - 74.6
7	49.06	01.5 - 46.5 - 49.5 - 94.5
8	48.28	04.7 - 43.3 - 52.7 - 91.3
9	46.82	08.1 - 39.9 - 56.1 - 87.9
10	44.92	12.0 - 36.0 - 60.0 - 84.0
11	43.04	16.5 - 31.5 - 64.5 - 79.5
12	41.83	21.4 - 26.6 - 69.4 - 74.6
13	48.08	01.4
14	43.85	35.8
15	42.10	64.3
16	47.26	04.6
17	45.69	39.7
18	40.79	69.2
19	45.75	08.0
20	47.10	43.2
21	40.67	74.4
22	43.77	11.9
23	47.83	46.3
24	41.76	79.4
25	41.81	16.3
26	47.79	49.4
27	43.54	83.8
28	40.49	21.2

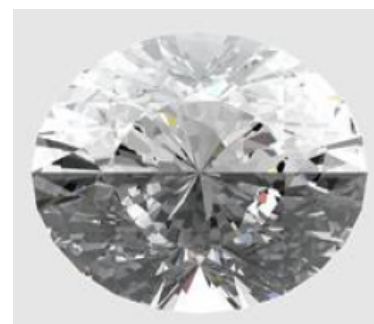
29	46.96	52.6
30	45.35	87.7
31	40.35	26.4
32	45.42	56.0
33	46.78	91.2
34	41.13	31.4
35	43.15	59.9
36	47.20	94.3
37	42.27	35.6
38	40.76	64.0
39	46.65	01.2
40	43.90	39.3
41	39.29	68.7
42	45.76	04.3
43	45.10	42.7
44	38.80	73.7
45	44.15	07.5
46	45.61	45.8
47	39.37	78.5
48	42.01	11.1
49	45.35	48.9
50	40.72	83.1
51	39.65	15.5
52	44.41	51.4
53	41.84	86.4
54	37.97	19.4
55	36.77	25.0
56	42.31	55.0
57	42.87	90.3

CROWN

A	42.86	01.5 - 46.5 - 49.5 - 94.5
B	42.08	04.7 - 43.3 - 52.7 - 91.3
C	40.63	08.1 - 39.9 - 56.1 - 87.9
O	38.76	12.0 - 36.0 - 60.0 - 84.0
E	36.93	16.5 - 31.5 - 64.5 - 79.5
F	35.78	21.4 - 26.6 - 69.4 - 74.6
G	40.47	96 - 48
H	38.95	06.4 - 41.6 - 54.4 - 89.6
I	35.40	14.2 - 33.8 - 62.2 - 81.8
J	33.27	24-72
K	30.75	03.1 - 44.9 - 51.1 - 92.9
L	28.28	10.0 - 38.0 - 58.0 - 86.0
M	25.39	18.9 - 29.1 - 66.9 - 77.1
N	14.50	06.4 - 41.6 - 54.4 - 89.6
O	12.81	14.2-33.8-62.2-81.8
P	11.86	24 - 72
Q	15.27	96 - 48

Table

R 0.00



2. THE WORLD'S TREASURE

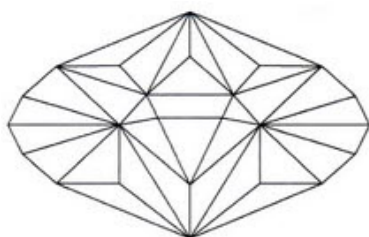
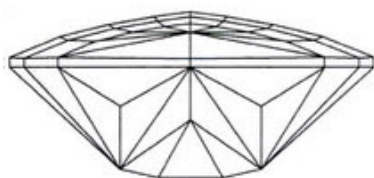
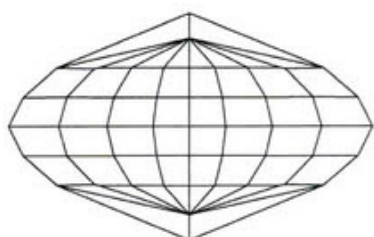


In the small valley on the shore of the mountain lake a peasant lived. He had a loving wife and four children he doted upon. They lived in peace and friendship, but in poverty; the whole family used to starve.

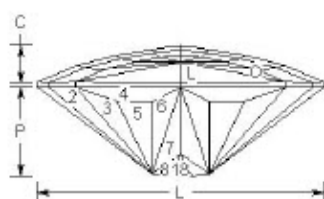
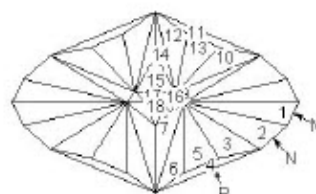
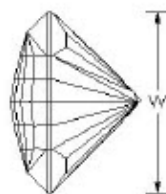
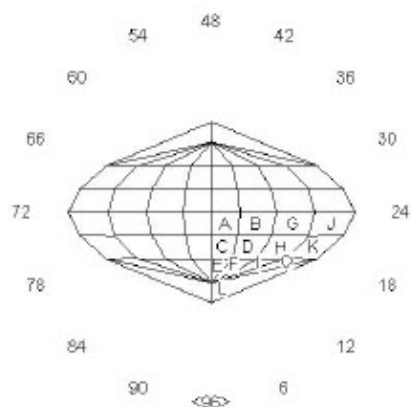
Once in search of daily bread the peasant climbed the pass and stopped in front of a deserted hut he had never heard about. He opened the door and saw a very old man.

"I have been waiting for you long," The old man said. "You are the chosen, who can own the World's Treasure, but who can also loose it. If you choose to descend to the valley, you will live in love and poverty. If you go uphill, you are fated to find a cave with untold wealth. You'll get power, money and mighty, but you'll forget your family. Make a choice!"

...They say that for many centuries this miserable has been living in the deserted hut, having lost the track of time in his dreams of the World's Treasure. He cannot even die as he is unable to choose between heart and mind – his heart has been calling him back to the valley but his mind has been telling him persistently about mountains.



Article Courtesy of:
United States Faceters Guild Newsletter
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The World's Treasure

Created by Victor Tuzlukov (C) for LAPIS PHILOSOPHORUM exhibition

Angles for R.I. = 1.760

89 + 12 girdles = 101 facets

1-fold, mirror-image symmetry

96 index

L/W = 1.591

P/W = 0.492 CMW = 0.207

Vol.W³ = 0.326



CROWN

A	12.00°	10-38-58-86
B	13.81°	12-36-60-84
C	14.51°	08-40-56-88
D	16.28°	09.7-38.3-57.7-86.3
E	18.77°	06-42-54-90
F	21.42°	07-41-55-89
G	17.46°	14-34-62-82
H	20.51°	11.1-36.9-59.1-84.9
I	29.29°	07.1-40.9-55.1-88.9
J	25.53°	16-32-64-80
K	31.14°	11.6-36.4-59.6-84.4
L	48.15°	05.8-42.1-53.9-90.2
M	90.00°	17-31-65-79
N	90.00°	11-37-59-85
O	46.48°	06-42-54-90
P	90.00°	06-42-54-90

PAVILION

1	40.00°	17-31-65-79
2	45.28°	11-37-59-85
3	47.68°	08-88
4	62.04°	06-90
5	48.08°	06-90
6	46.46°	03.3-92.7
7	45.22°	02-94
8	42.38°	01-95
9	46.74°	39-57
10	48.05°	40-56
11	61.76°	42-54
12	48.83°	44-52
13	49.28°	42-54
14	47.03°	46-50
15	44.52°	48
16	31.43°	43-53
17	37.56°	48
18	41.43°	96

mailto:vtuzlukov@list.ru
Enjoy your cutting!



3. THE WINNER



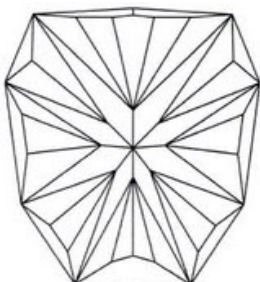
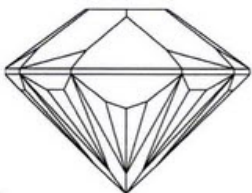
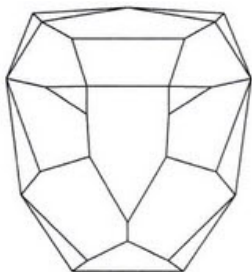
They stood on the narrow path peering at each other: Man and the one, graceful and majestic, who is still called King of Beasts. Who of them would let the other one go?

'Go away,' Man thought, 'Time of your supremacy has passed. You are stronger than me, but I have the power of mind. Your victory will turn out to be a defeat. You can kill me – others will come, you won't be able to cope with us.'

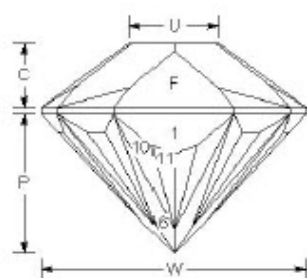
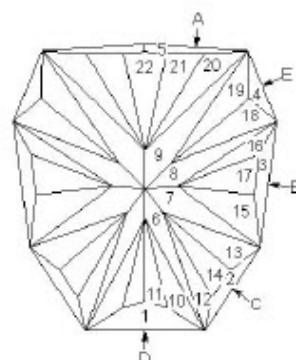
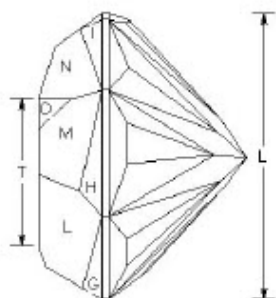
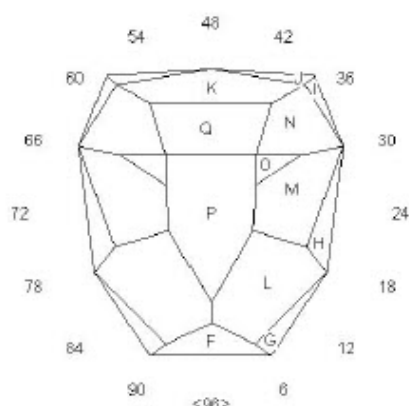
Something like a patronizing smile flickered in the golden eyes. Lion turned and went away. He was leaving unhurriedly with a proudly raised head. Leaving as a winner...

Man continued his way but could not suppress annoyance. Everything seemed to be right: strength made way for more powerful strength. But where was a feeling of victory? And in his thoughts he was still faced with those yellow unwinking eyes and the answer was seen in them:

'You know everything yourself. Harnessing the great power of mind you can easily destroy your own home. And what will you be left with? With the VICTORY...'



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The Winner

created by Victor Tuzlukov (C) for LAPIS PHILOSOPHURUM exhibition

Angles for R.I. = 1.760

62 + 9 girdles = 71 facets

1-fold, mirror-image symmetry

96 index

L/W = 1.084 T/W = 0.559 U/W = 0.336

P/W = 0.524 C/W = 0.242

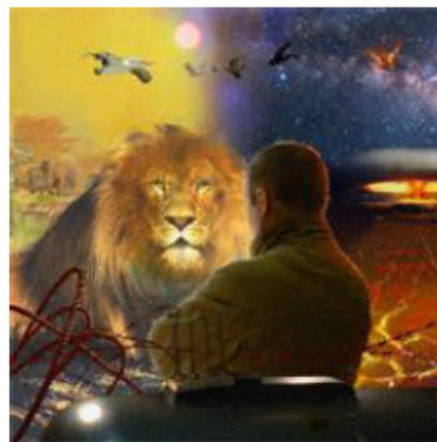
Vol./W³ = 0.320

CROWN

A	90.00°	47-49	See PREFORM
B	90.00°	22-74	See PREFORM
C	90.00°	15-81	See PREFORM
D	90.00°	96	See PREFORM
E	90.00°	30-66	See PREFORM
F	59.59°	96	Leave some girdle
G	44.93°	15-81	Cut to meet A, G4
H	44.13°	22-74	Cut to meet B, G3
I	60.87°	30-66	Cut to meet C, G2
J	66.50°	47-49	Cut to meet D, G1
K	54.50°	48	Cut to meet E, G1
L	37.00°	16-80	Cut to meet B, C, G2, G3
M	37.00°	23-73	Cut to meet C, D, G2, G5
N	36.04°	26-70	Cut to meet C, D, E, G2, G5
O	35.74°	24-72	Cut to 0.68 of edge between H and I
P	0.00°	Table	Cut to width 1/3 of W
Q	17.98°	48	Cut to meet table

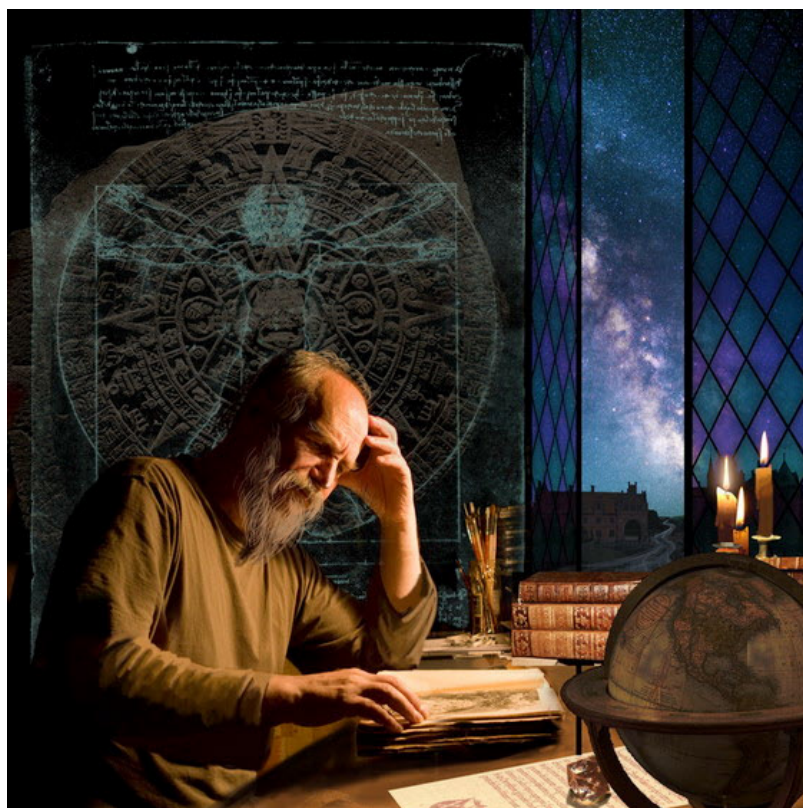
PAVILION

1	53.31°	96
2	55.96°	15-81
3	54.98°	22-74
4	50.02°	30-66
5	70.65°	47-49
6	42.19°	08-88
7	47.20°	19-77
8	44.70°	26-70
9	38.83°	39-57
10	42.56°	05-91
11	42.67°	02-94
12	44.63°	12-84
13	47.37°	17-79
14	46.70°	15-81
15	48.67°	21-75
16	46.81°	24-72
17	48.57°	22-74
18	44.01°	28-68
19	41.73°	32-64
20	40.64°	42-54
21	42.12°	45-51
22	42.82°	48



Best cut in light corundum
mailto: vtuzlukov@hotmail.com

4. THE MYSTERY OF THE UNIVERSE



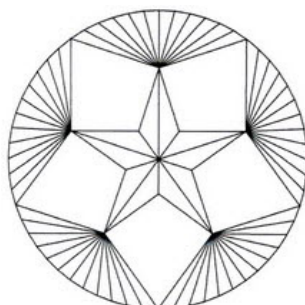
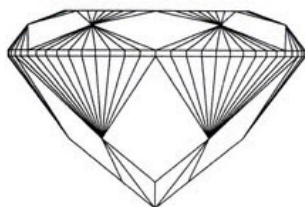
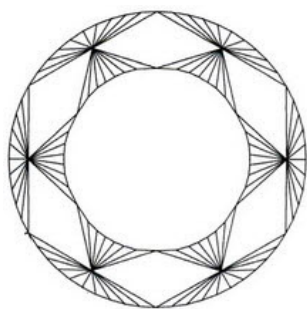
"Cognize yourself – and you'll cognize the world." With this thought in his mind Scholar was working, having locked his study. He plunged into the deeps of psychology, physiology, anatomy examining himself from all possible sides in search of the great Mystery of the Universe. At last he realized that he reached the bottom but didn't approach to his goal. Then he went outside and followed his nose.

Each step brought him new discoveries. And, when our hero felt his aim quite close, he found himself before the door of his own house.

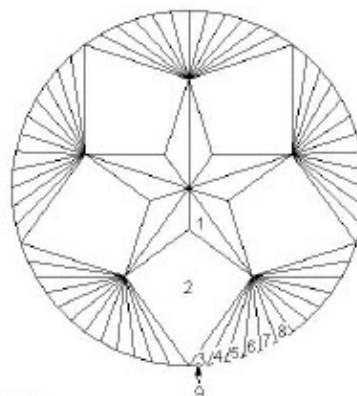
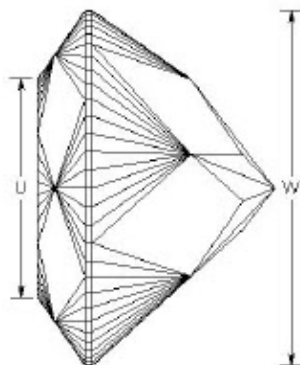
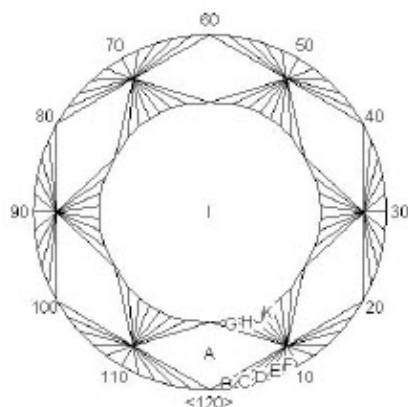
There was a note on the table. "You see," the surprised Scientist read, "You've returned to yourself enriched with the knowledge. A man really keeps the mystery of the Universe in himself but only in interaction with the environment. A seed can not sprout without ground and for realizing this you had to go through the world. And now, with the experience of unity with it, you should come back to cognize yourself."

"And then – a new way," Scholar thought, "It has no end, as there is no limit of cognizing, for a man is inexhaustible as the Universe." And a man knelt

before the great Mystery of the Universe, flashed in the pictures of extinction and creation of numerous cosmoses, - desired and terrible in its incomprehensibility...



Article Courtesy of:
United States Faceters Guild Newsletter
December 2009



The Mystery of the Universe

Created by Victor Tuzlukov (C) for "LAPIS PHILOSOPHORUM"

Angles for R.I. = 2.160

184 + 60 girdles = 244 facets

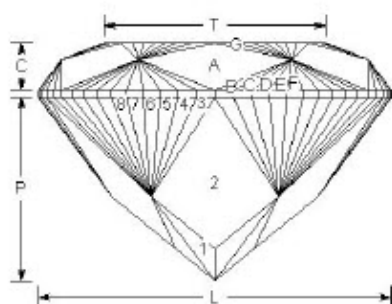
6-fold, mirror-image symmetry

120 index

L/W = 1.000 T/W = 0.626 U/W = 0.618

P/W = 0.516 C/W = 0.134

Vol./W³ = 0.245

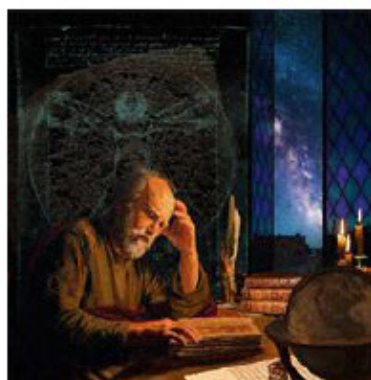


PAVILION

1	39.00°	006-018-030-042-054-066-078-090-102-114
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3	49.13°	001-023-025-047-049-071-073-095-097-119
4	51.08°	003-021-027-045-051-069-075-093-099-117
5	52.74°	005-019-029-043-053-067-077-091-101-115
6	54.06°	007-017-031-041-055-065-079-089-103-113
7	54.97°	009-015-033-039-057-063-081-087-105-111
8	55.43°	011-013-035-037-059-061-083-085-107-109
9	90.00°	(60 total)

CROWN

A	35.00°	120-020-040-060-080-100
B	37.69°	001-019-021-039-041-059-061-079-081-099-101-119
C	42.79°	003-017-023-037-043-057-063-077-083-097-103-117
D	47.47°	005-015-025-035-045-055-065-075-085-095-105-115
E	51.07°	007-013-027-033-047-053-067-073-087-093-107-113
F	53.03°	009-011-029-031-049-051-069-071-089-091-109-111
G	30.86°	001-019-021-039-041-059-061-079-081-099-101-119
H	23.70°	005-015-025-035-045-055-065-075-085-095-105-115
I	0.00°	Table
J	21.60°	008-012-028-032-048-052-068-072-088-092-108-112
K	21.20°	010-030-050-070-090-110



Best cut in Cubic Zirconia
mailto:vtuzlukov@hotmail.com

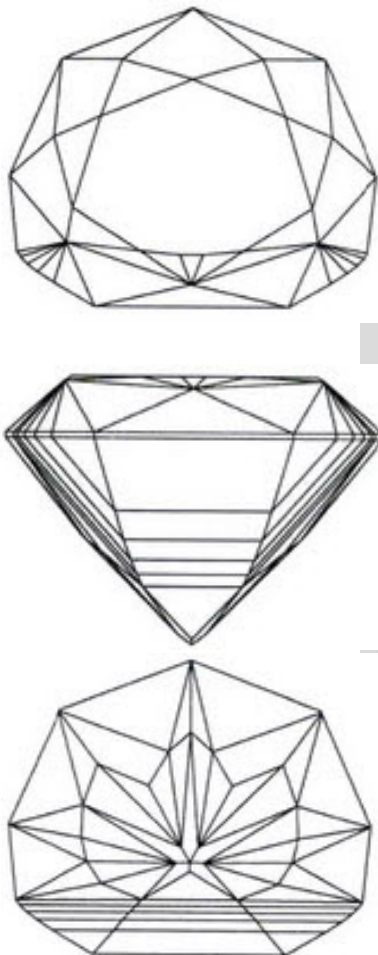
5.THE POWER OF INSPIRATION



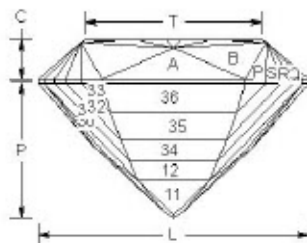
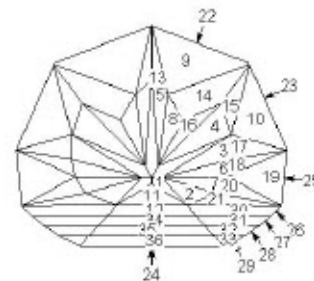
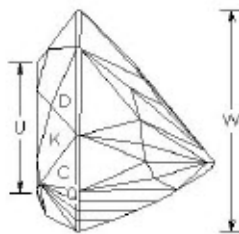
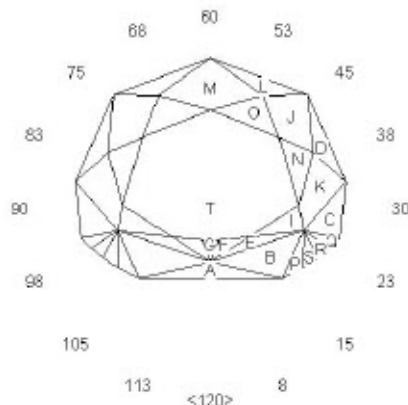
One evening Musician walked along the lakeside. Light pink clouds were melting in the blue depth passing into gold at the skyline. Blooming lotuses were reposing on the water surface like drops of sunset. Looking around Musician stopped and the Harmony resounded in his soul.

That was an unknown melody in which tender sounds of sunset cooled under the night's breath. Our hero quickly looked around – there wasn't any paper, paint or instruments close at hand to fix the melody. How could he bring that inspiration to other people, give them that feeling of flying? Musician smiled and headed toward the steep yellowing with the fresh clay...

Copies of that sculpture – in bronze and marble – are still exhibited in numerous museums of the world as the realization of the Master's genius, for whom all means are convenient to reflect the Perfection.



Article Courtesy of:
United States Faceters Guild Newsletter
December 2009



The power of Inspiration

Created by Victor Tuzlukov (C) for "LAPIS PHILOSOPHURUM"

Angles for R.I. = 1.620

88 + 15 girdles = 103 facets

1-fold, mirror-image symmetry

120 index

L/W = 1.234 T/W = 0.806 U/W = 0.588

P/W = 0.612 C/W = 0.180

Vol./W³ = 0.372



PAVILION

1	39.50°	018.040-060.			
		080-102			
2	42.78°	024.096			
3	41.71°	033-087			
4	40.41°	043-077			
5	40.18°	057-063			
6	42.51°	030-090			
7	42.93°	027-093			
8	40.39°	055-065			
9	47.82°	052.9-067.1	52.89	53(+1.4)	67(-1.4)
10	52.95°	037.7-082.2	37.72	38(+3.6)	82(-3.6)
11	58.25°	120			
12	60.90°	120			
13	46.00°	054.8-065.2	54.85	55(+1.9)	65(-1.9)
14	46.10°	051.8-068.2	51.82	52(+2.3)	68(-2.3)
15	46.99°	041.6-076.4	41.58	42(+5.4)	76(-5.4)
16	40.33°	046-074			
17	48.40°	032.6-087.4	32.56	33(+5.6)	87(-5.6)
18	49.04°	029.0-091.0	29.05	29(-0.6)	91(+0.6)
19	49.89°	028-092			
20	48.58°	025.5-094.5	25.48	25(-6.1)	95(+6.1)
21	50.47°	019.3-100.8	19.25	19(-3.2)	101(+3.2)
22	90.00°	053-067			
23	90.00°	038-082			
24	90.00°	120			
25	90.00°	028-092			
26	90.00°	015-105			
27	90.00°	013-107			
28	90.00°	011-109			
29	90.00°	009-111			

CROWN

A	62.34°	120			
B	42.39°	005-115			
C	44.86°	028-092			
D	54.51°	038-082			
E	26.34°	004-116			
F	21.40°	002-118			
G	20.51°	120			
T	0.00°	Table			
I	6.30°	010.7-109.2	10.68	11(+4.1)	109(-4.1)
J	39.00°	043-077			
K	39.44°	031-089			
L	60.06°	053-067			
M	37.23°	060			
N	25.87°	035.6-084.4			
O	18.64°	052.8-067.2			
P	48.46°	009-111			
Q	49.83°	015-105			
R	50.59°	013-107			
S	50.23°	011-109			

PAVILION

30	55.32°	015-105			
31	58.36°	013-107			
32	61.90°	011-109			
33	66.05°	009-111			
34	65.81°	120			
35	68.92°	120			
36	70.44°	120			

Best cut in pink Tourmaline
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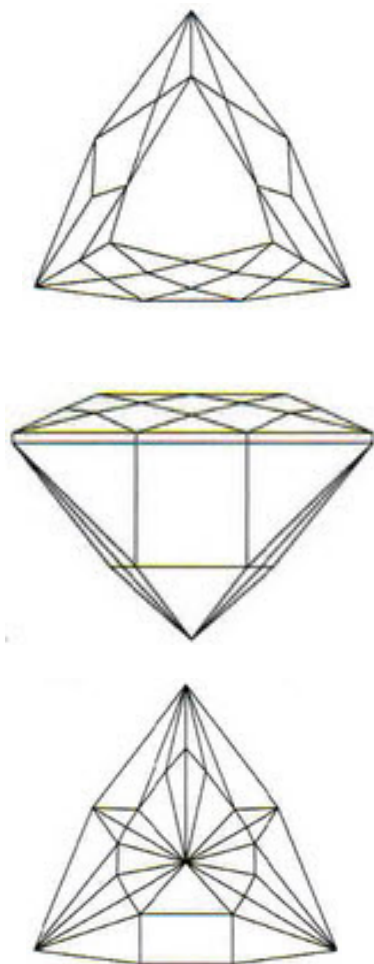


6. COGNIZING WISDOM

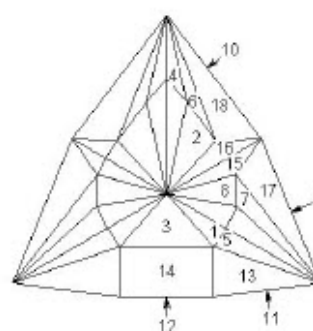
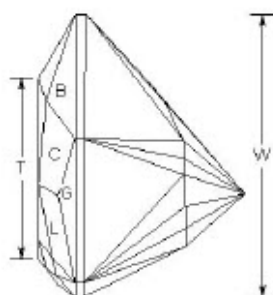
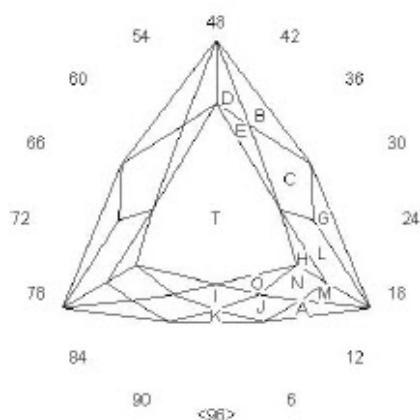


One youth dreamt to cognize Wisdom. He secluded in the forest and learnt the life boiling around, but the Nature was living up to its own laws separately from him. Then he climbed the mountain to hear and understand the Voice of Silence, but the garden of glaciers stayed dumb. He descended the mountains and settled down by the temple in hope to get the revelation from above, but his prayers remained unanswered.

In despair he went out of the temple and came across an old pilgrim. The seeker of wisdom stopped and the old man, having read the question in his eyes, said, "You can learn the environment, but not cognize the purport of existence. You can go to the mountains, but not unite with them. You can spend all your life in the temple, but until you build the temple in your own heart, you won't reach your goal. It is impossible to learn Wisdom, you can only cultivate Wisdom inside yourself. And what way you choose – a temple, a tree or a mountain – doesn't matter much, it will anyway lead you to the aim, if you see it and strive for it with no doubt in your strength."



Article Courtesy of:
United States Faceters Guild Newsletter
December 2009



Cognizing the Wisdom

Created by Victor Tuzlukov (C) for "LAPIS PHILOSOPHURUM" exhibition

Angles for R.I. = 1.610

63 + 7 girdles = 70 facets

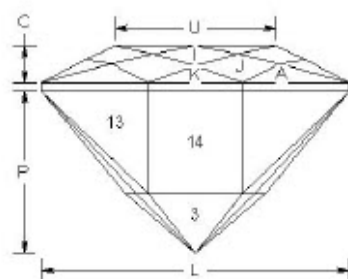
1-fold, mirror-image symmetry

96 index

L/W = 1.097 T/W = 0.642 U/W = 0.573

P/W = 0.575 C/W = 0.130

Vol./W³ = 0.234



PAVILION

1	41.00°	15-17-31-33-47-49-63-65-79-81
2	41.50°	41-55
3	48.50°	96
4	42.99°	46-50
5	42.99°	15-17-79-81
6	52.66°	38.6-57.4
7	52.35°	25.1-70.9
8	40.91°	25.4-70.6
9	90.00°	30-66
10	90.00°	34-62
11	90.00°	02-94
12	90.00°	96
13	63.91°	02-94
14	63.71°	96
15	68.96°	31-65
16	68.96°	33-63
17	69.68°	30.0-66.0
18	69.66°	33.9-62.1

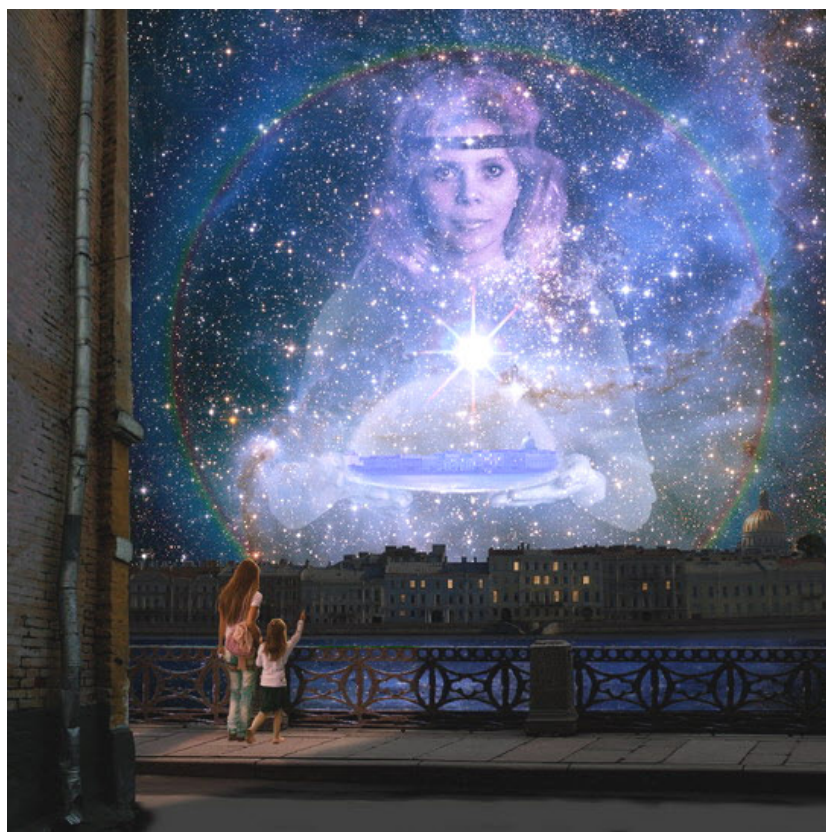
CROWN

A	48.72°	02-94
B	48.96°	34-62
C	37.47°	31-65
D	40.07°	35.7-60.3
E	23.29°	32.3-63.7
T	0.00°	Table
G	42.24°	30-66
H	30.52°	28.5-67.5
I	37.70°	96
J	46.06°	01.4-94.6
K	54.33°	96
L	34.57°	29.1-66.9
M	30.18°	05.7-90.3
N	27.15°	05.2-90.8
O	21.63°	03.6-92.4



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7. THE BIRTH OF THE STAR



Long ago there were only sparkles of Life on the Earth. Tiny and invisible, they flew above waters recognizing each other by the subtle sounding. They sometimes got together arranging their sounds in the single harmony and – began to shine. But then they flew away, the light blew out, and only deep inside they kept the memory about that celebration of music and light.

Once young Sparkle, having seen such fire, turned to her elder friend, "Can we always keep the Light?"

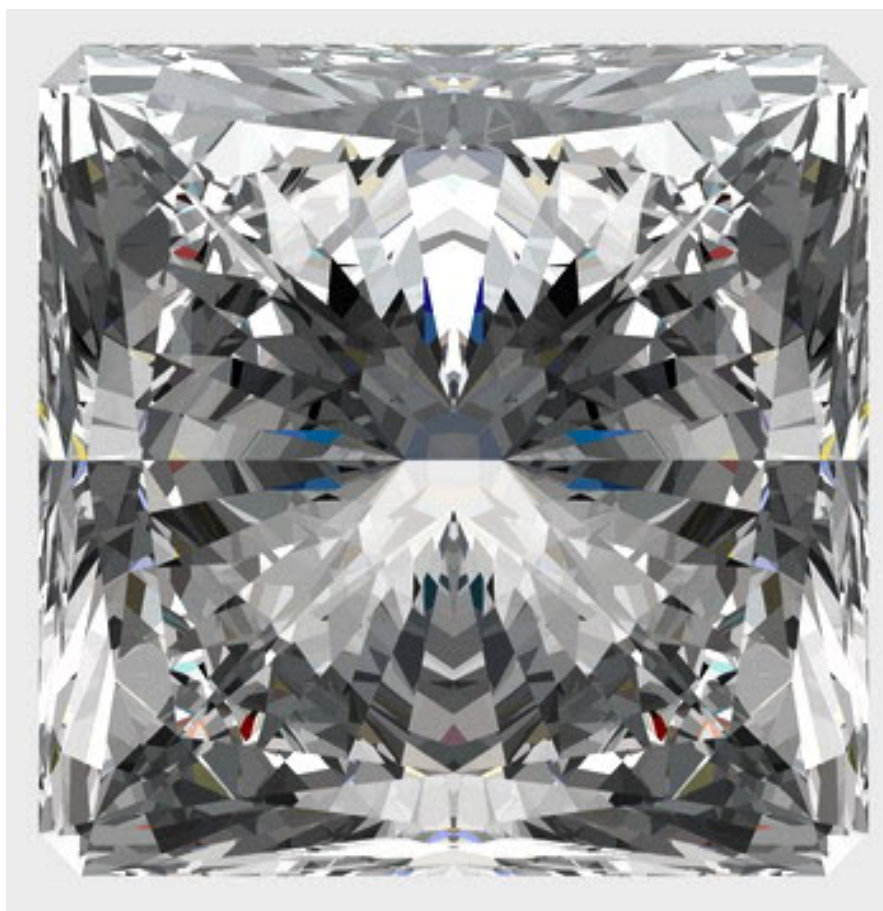
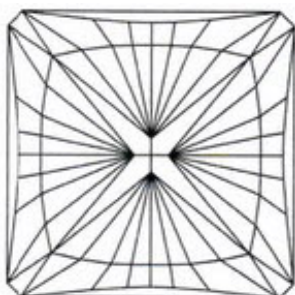
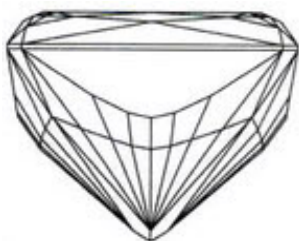
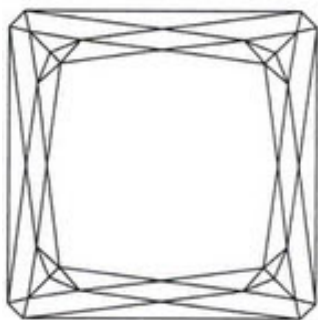
"Look up," her wise sister said.

Above them, in the dark depth of the sky distant spots were shining. Unlike earthly sparkles they had the steady light and their magic song was the same steady and harmonious.

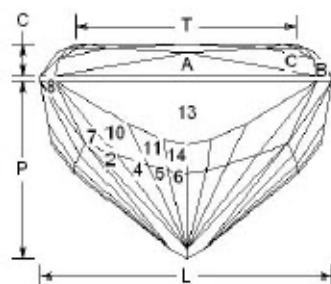
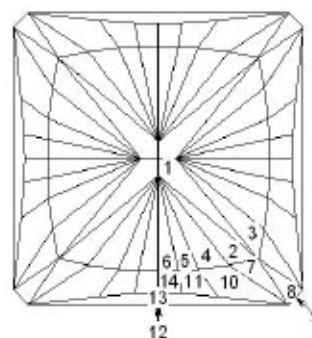
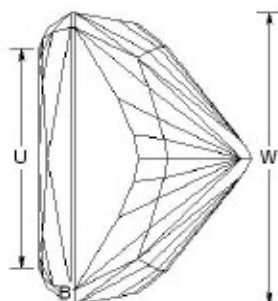
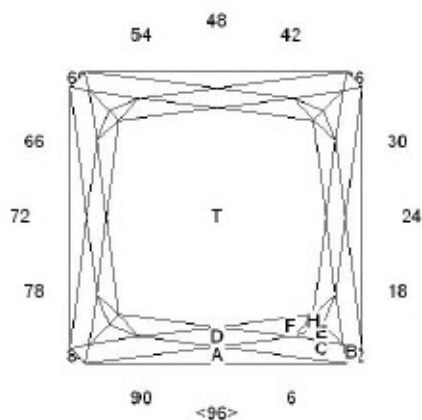
"These are Stars," Sparkle heard. "They have not just awakened their inner Light, but they became it. And, if you want darkness to disappear, you have two ways. The first one is simple – get together like-minded, amplify their sounding and light, make these spots of Flame grow and multiply."

"And the second way?" Sparkle asked with a sinking heart.

"The second?" Her friend laughed. "It is even simpler. **Become a star!**"



Article Courtesy of:
United States Faceters Guild Newsletter
December 2009



The Birth of the Star

Created by Victor Tuzlukov (C) for "LAPIS PHILOSOPHURUM" exhibition

Angles for R.I. = 2.420

121 + 8 girdles = 129 facets

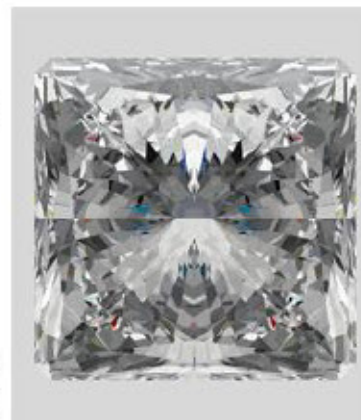
4-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.752 U/W = 0.752

P/W = 0.610 C/W = 0.109

Vol. M^3 = 0.388



PAVILION

1	39.00°	12-36-60-84
2	39.59°	10-38-58-86
3	39.60°	14-34-62-82
4	39.90°	08-16-32-40- 56-64-80-88
5	39.70°	06-18-30-42- 54-66-78-90
6	39.20°	03-21-27-45- 51-69-75-93
7	48.99°	08-16-32-40- 56-64-80-88
8	49.44°	12-36-60-84
9	90.00°	12-36-60-84
10	51.17°	06-18-30-42- 54-66-78-90
11	52.30°	04-20-28-44- 52-68-76-92
12	90.00°	96-24-48-72
13	79.65°	96-24-48-72
14	52.19°	02-22-26-46- 50-70-74-94

CROWN

A	54.00°	96-24-48-72
B	46.76°	12-36-60-84
C	42.35°	01-23-25-47- 49-71-73-95
D	24.53°	96-24-48-72
E	20.95°	06-18-30-42- 54-66-78-90
F	12.35°	02-22-26-46- 50-70-74-94
T	0.00°	Table
H	18.06°	06-18-30-42- 54-66-78-90

Best cut in Moissanite (light color)

