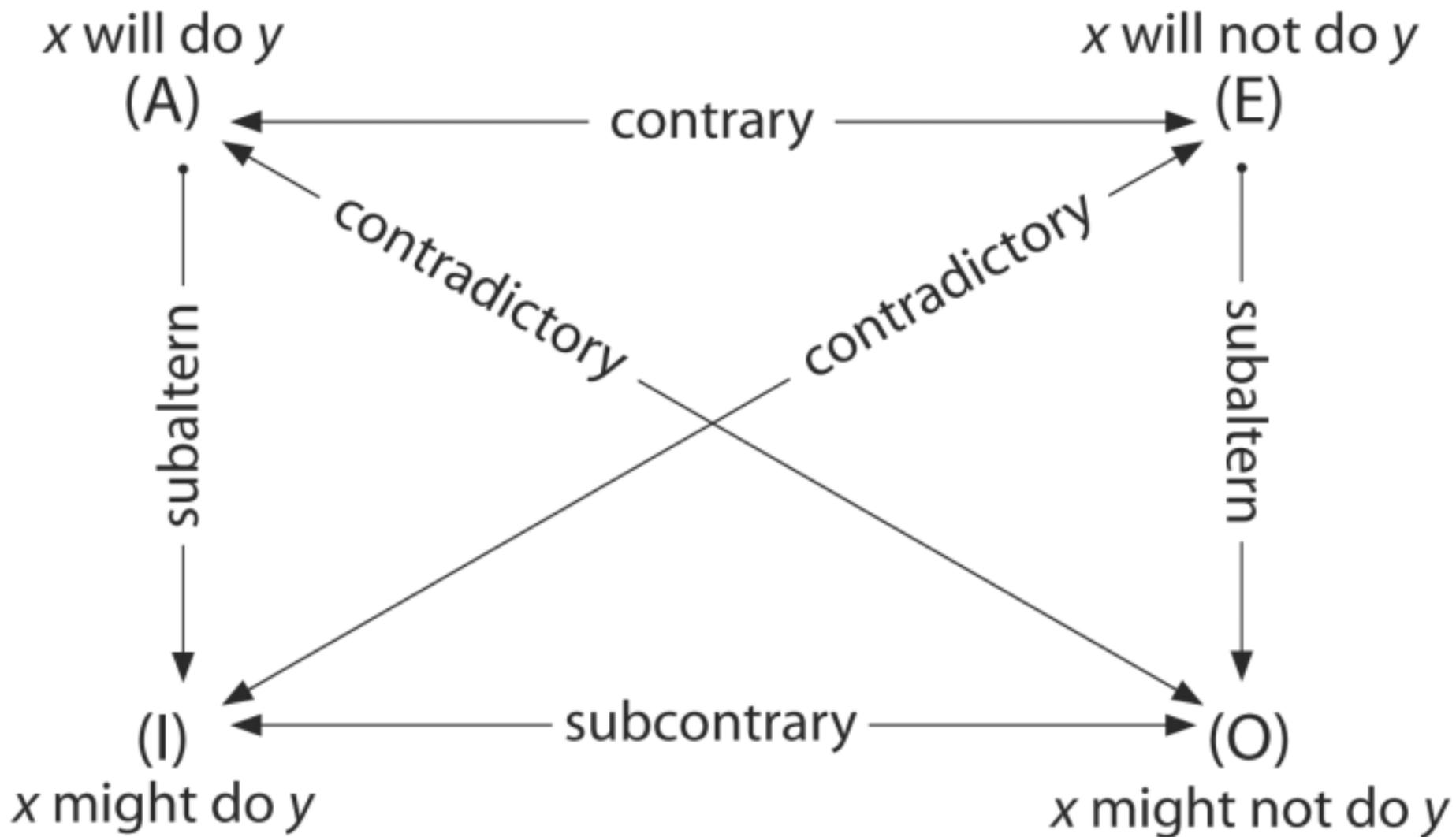


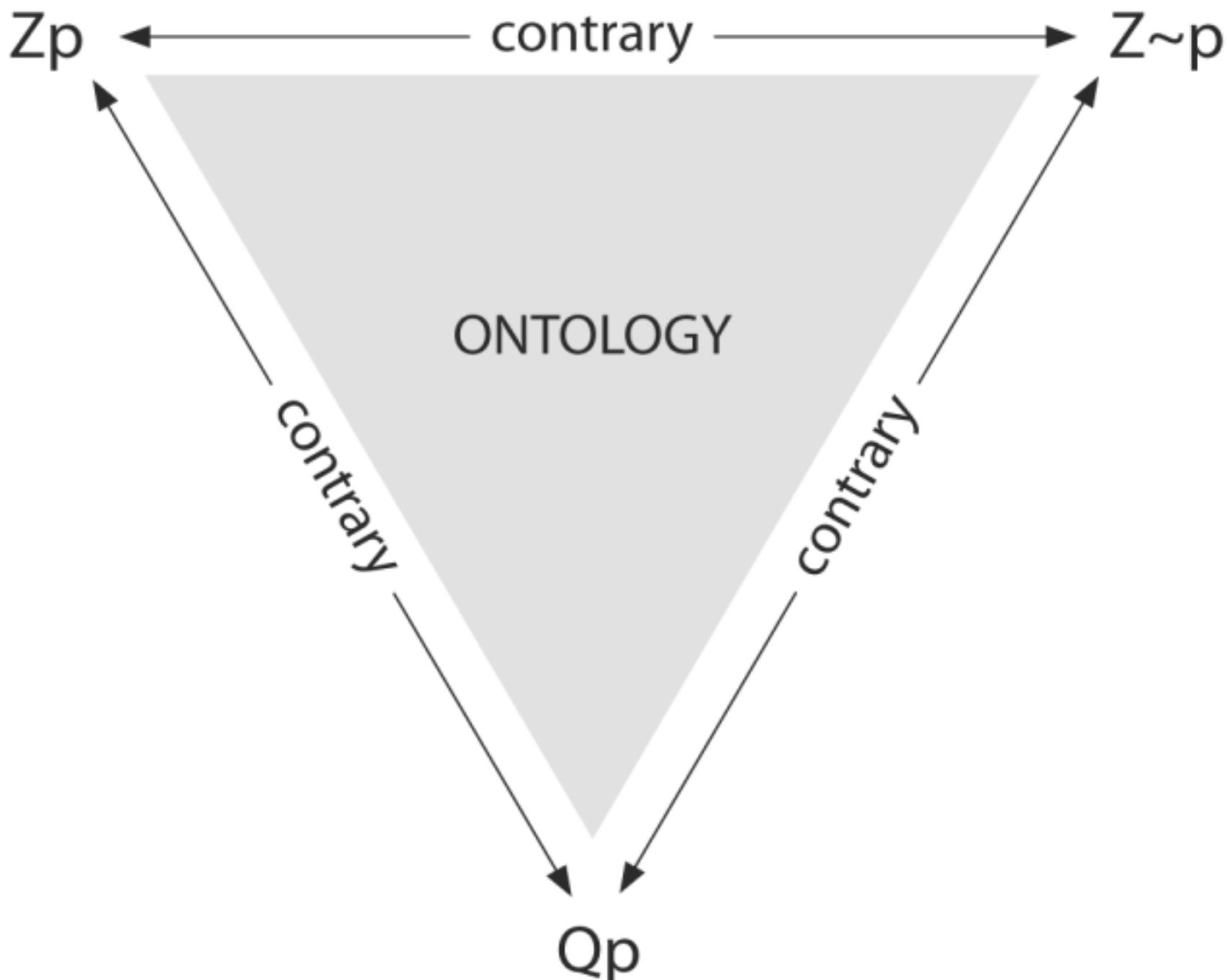
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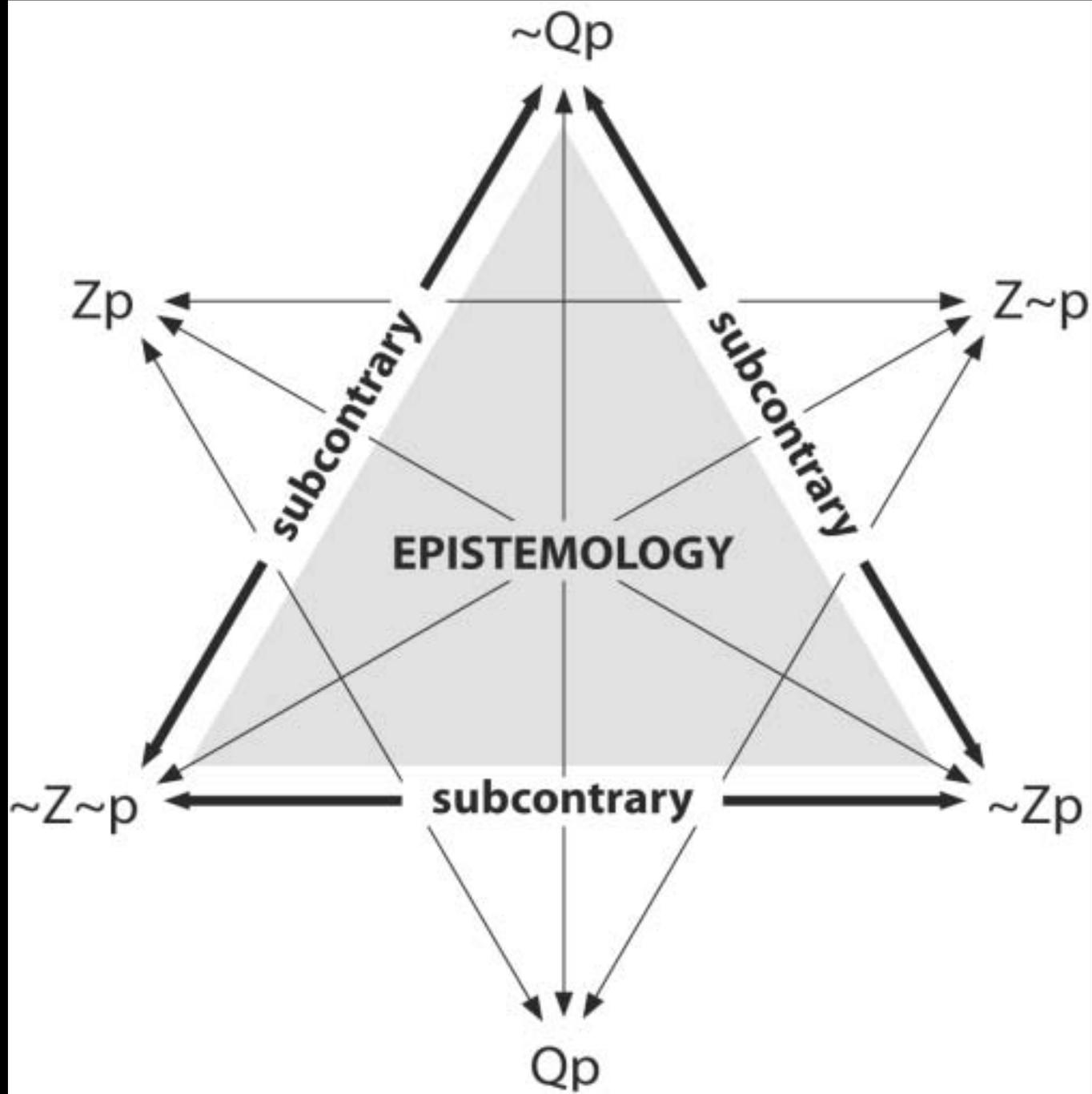
Little Biddy Minnow

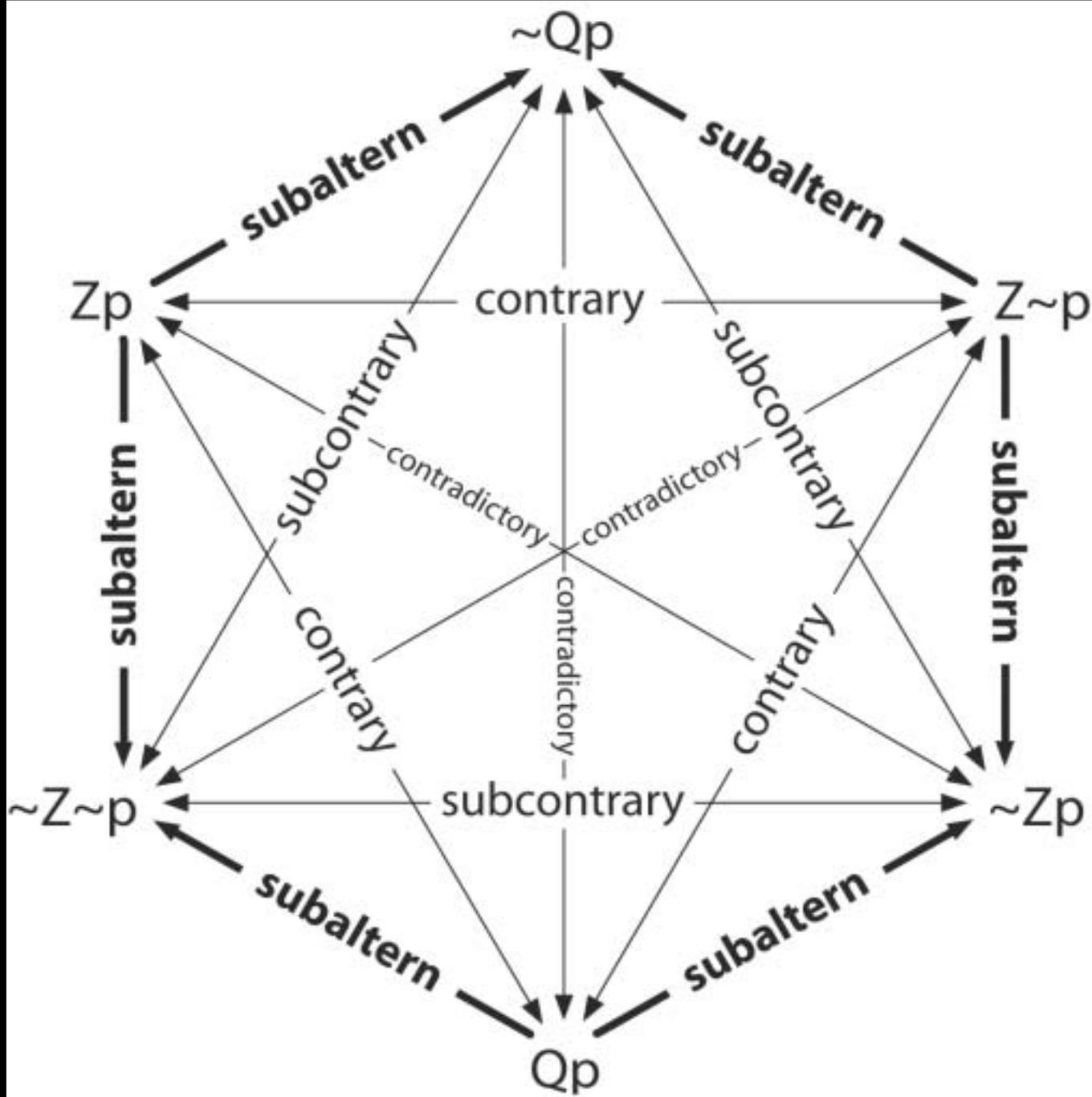
in a

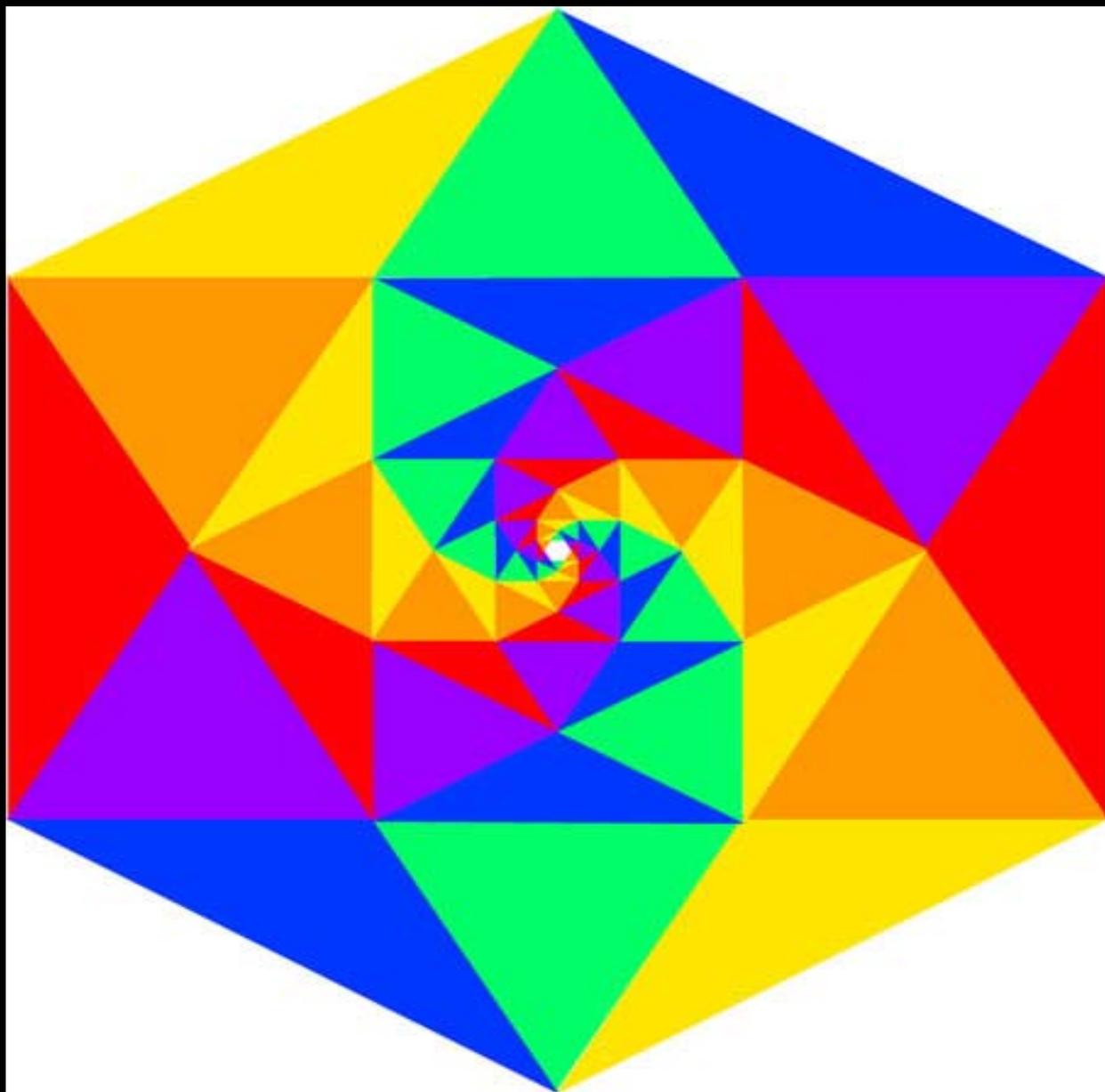
Big Flash Flood



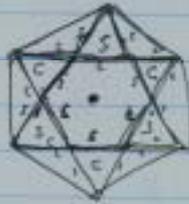




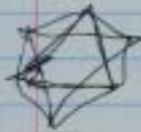
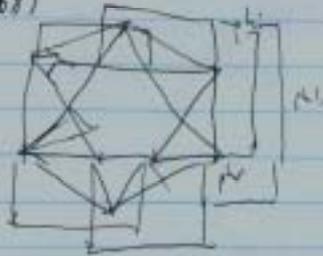




1/10 1.6.1903 45887

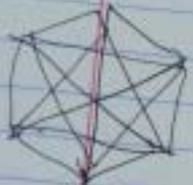
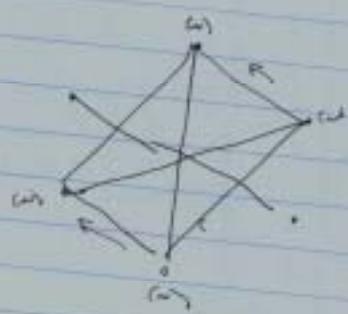
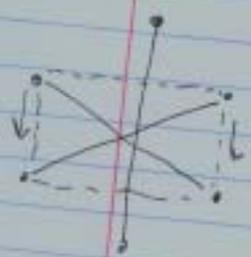
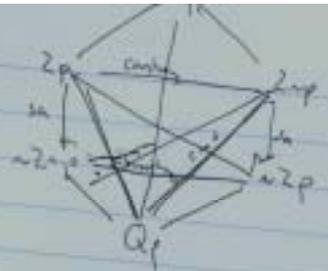


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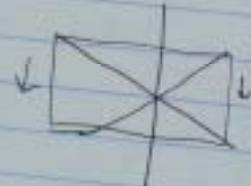


The Symmetry of the Bravais

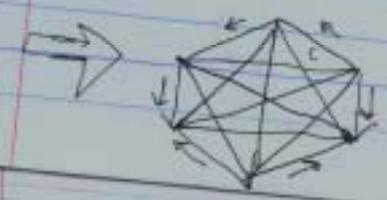
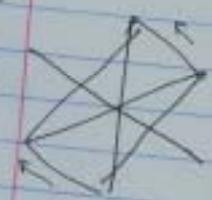
- 1/30 1) There are three fundamental states of matter (sp, qp, qd)
 2) To form 3 at various solutions (crystals)
 3) exactly the combinations (equilibrium)
 containing 3 particles
 4) form 6 solution solutions
 5) exactly 3 another space

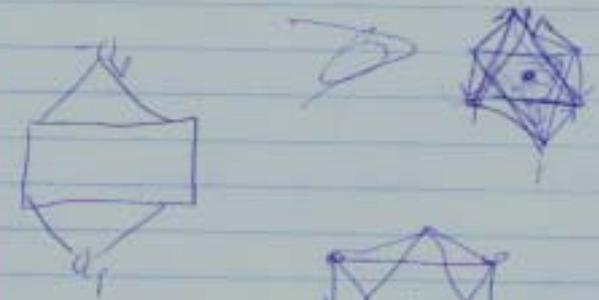
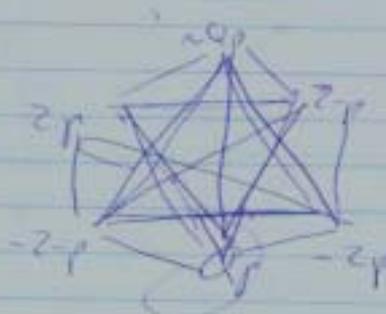
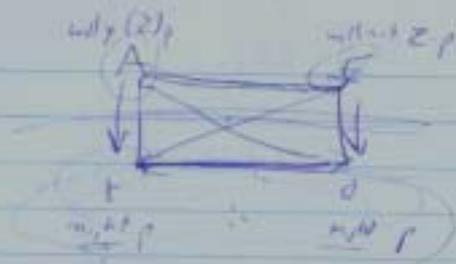


① Homom von 3 center trace 2

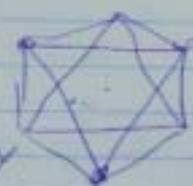


②

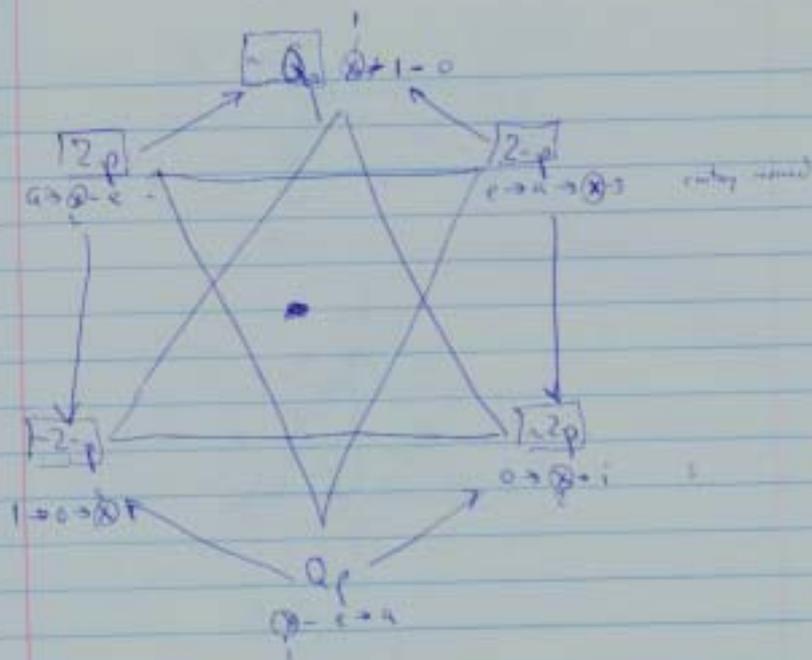




Top - some d₁ d₂
-2p
2p



(Water) 3 speed = 4000



① $Q_p \rightarrow -Q_p$ $x + y$ of additional observability or controllability

$2p$ $2-p$ $controllability + x + controllability$

$2-2p$ $2-p$ $controllability + 2 \text{ real poles} + 1$

② - each part the values of each pole contributed to the values of its controllability pole.

On all 3 square, ① control ①

② control ③

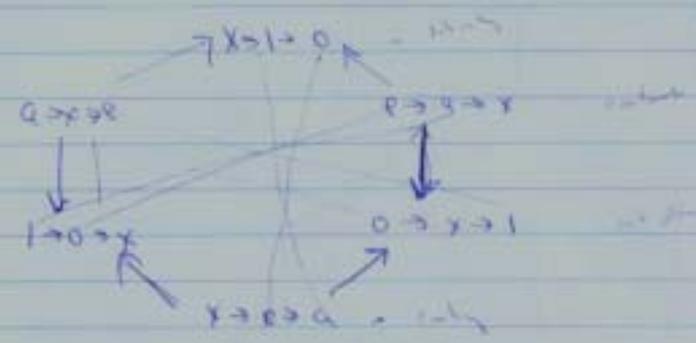
③ control ⑥

③ like ② + ③ form a square (controllability)

$Q - Q$ form a controllability sq

3 Grid of cells

1-2-3-4-5

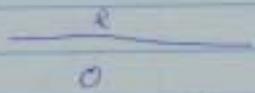
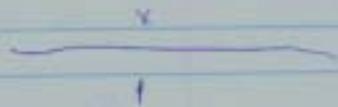
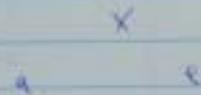
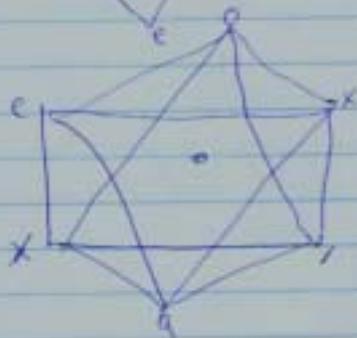
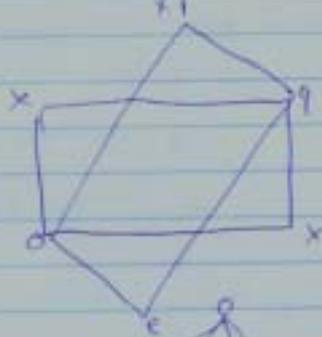
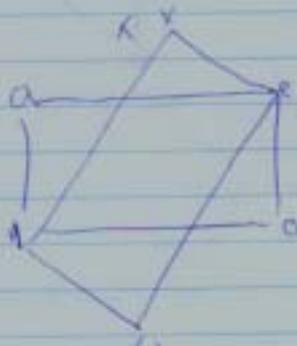
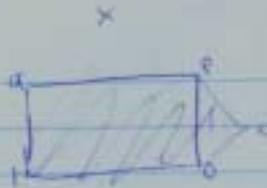


stable - value of (x,y)
a step - b i

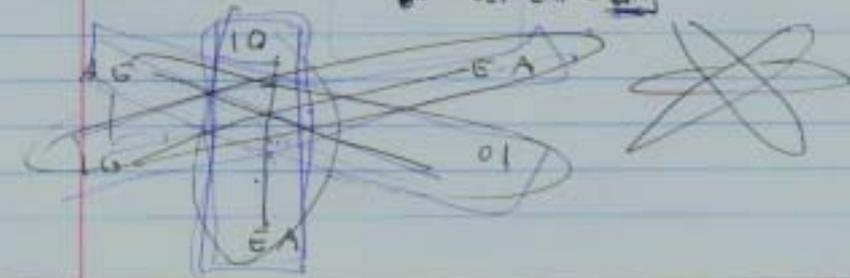
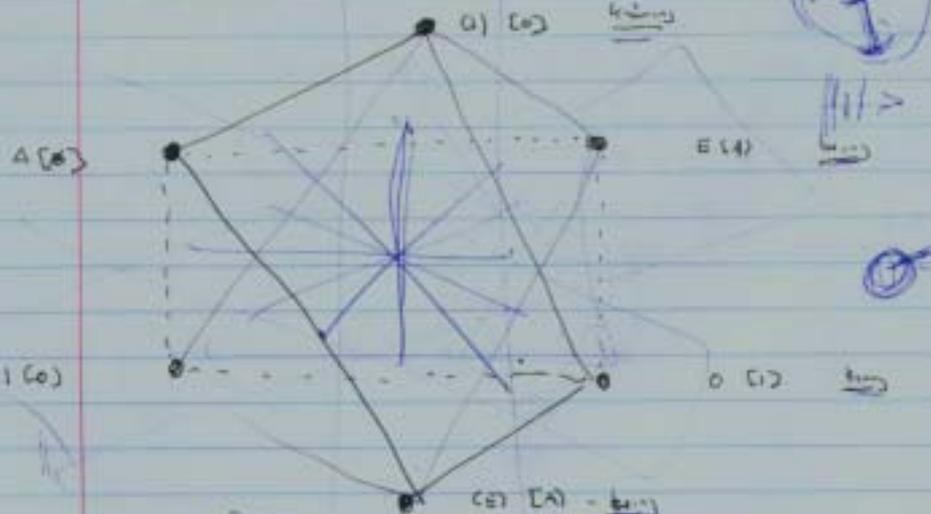
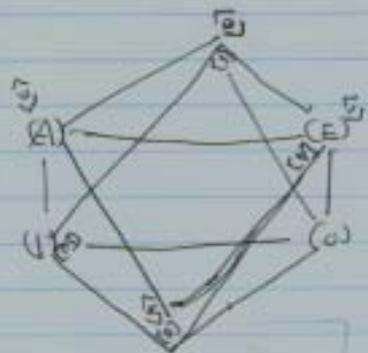
- ① - 1-2-3-4-5
- ② - 1-2-3-4-5
- ③ - 1-2-3-4-5
- ④ - 1-2-3-4-5
- ⑤ - 1-2-3-4-5
- ⑥ - 1-2-3-4-5
- ⑦ - 1-2-3-4-5

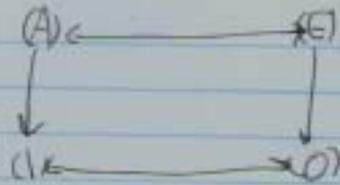
- not plus between nodes, equal has
- and plus 1-2-3-4-5

1
2 3
3 2
1
top of grid



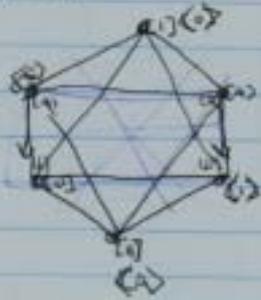
⇒



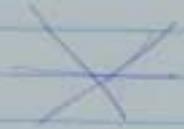


- Def 1) $(A) \rightarrow (I)$
- Def 2) $(E) \rightarrow (O)$
- Def 3) $(A) \rightarrow \sim(E)$
- Def 4) $(E) \rightarrow \sim(A)$
- Def 5) $(A) \rightarrow \sim(O)$
- Def 6) $(O) \rightarrow \sim(I)$
- Def 7) $(I) \rightarrow \sim(O)$
- Def 8) $(O) \rightarrow \sim(A)$
- Def 9) $(I) \rightarrow (A) \vee (O)$
- Def 10) $(O) \rightarrow (I) \vee (A)$

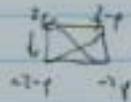
$\{ \sim \}$
 $\{ \vee \}$
 $\{ \langle \rangle \}$



$\{ \sim \}$
 $\{ \vee \}$
 $\{ \langle \rangle \}$



Ex 1:



subst. if will at $(2-p) \rightarrow$ might at $(-2-p)$

subst. if will at $(2+p) \rightarrow$ might at $(-2+p)$

subst. if $2-p$ will at $(2-p) \rightarrow$ not will at $(2-p)$

subst. if will at $(2-p) \rightarrow$ not $2-p$ will at $(2-p)$

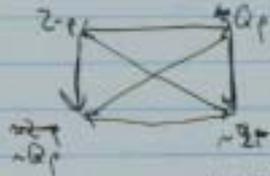
subst. if $2-p$ will at $(-2-p)$ not will at $(2-p)$

subst. if $2-p$ will at $(-2-p)$ not $2-p$ will at $(2-p)$

subst. if $2-p$ will at $(-2-p)$, possible $2-p$ will at $(2-p)$

subst. if $2-p$ will at $(-2-p)$, possible $2-p$ will at $(-2-p)$

Ex 2:



if will at $(2-p)$, not will at $(-2-p)$

if $2-p$ will at $(-2-p)$

subst. if will at $(2-p) \rightarrow$ not $2-p$ will at $(-2-p)$

subst. if $2-p$ will at $(-2-p) \rightarrow$ might at $(-2-p)$

subst. if will at $(2-p) \rightarrow$ not will at $(-2-p)$

subst. if $2-p$ will at $(-2-p) \rightarrow$ not will at $(-2-p)$

subst. if not will at $(-2-p) \rightarrow$ not will at $(2-p)$

subst. if $2-p$ will at $(-2-p)$ not will at $(2-p)$

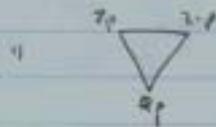
subst. if will at $(2-p) \rightarrow$ not will at $(2-p)$

subst. if will at $(2-p) \rightarrow$ not will at $(-2-p)$

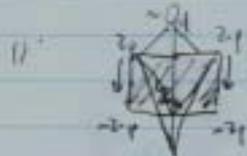
subst. if $2-p$ will at $(-2-p)$, possible $2-p$ will at $(-2-p)$

subst. if $2-p$ will at $(-2-p)$, possible $2-p$ will at $(2-p)$

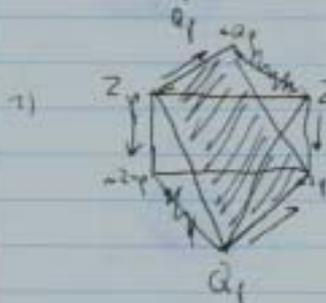
1/28



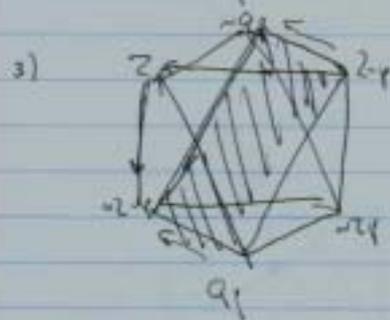
now add $\pm q_p$ to each
vertex, nothing is shaded.



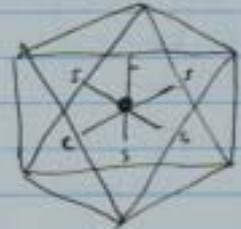
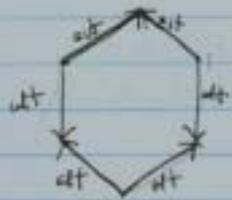
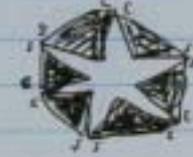
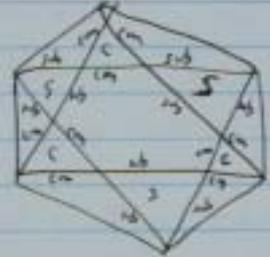
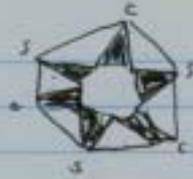
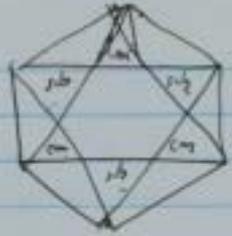
similar if $z_p \rightarrow -z_p$
if $z_q \rightarrow -z_q$

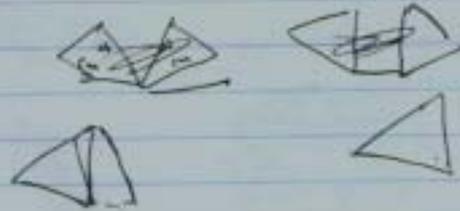
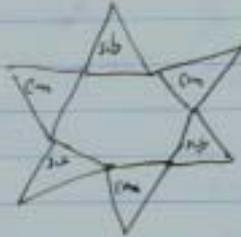
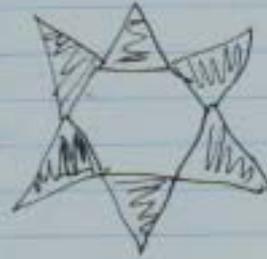
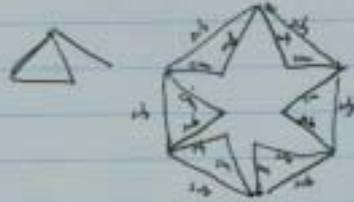
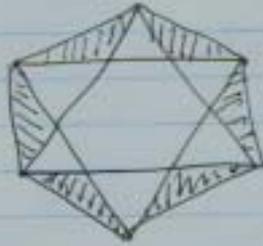


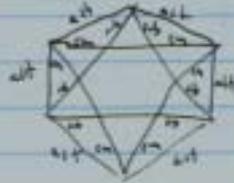
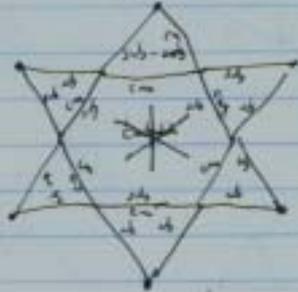
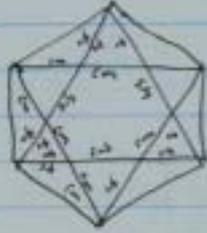
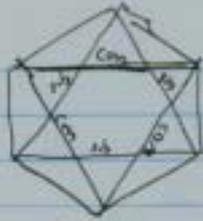
if $z_p \rightarrow \sim q_1$
if $z_q \rightarrow +z_q$



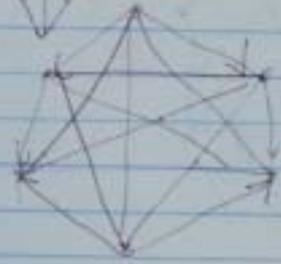
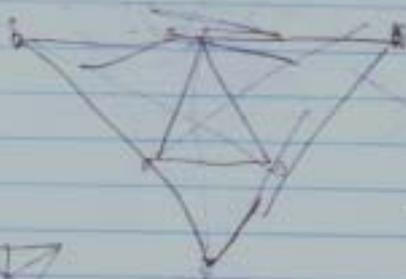
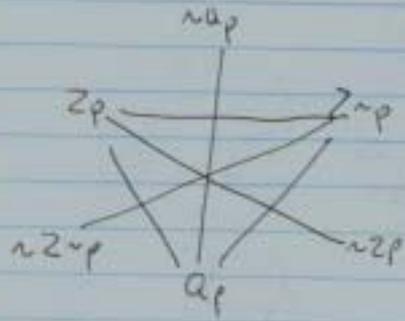
if $z_p \rightarrow \sim z_p$
if $z_q \rightarrow -z_q$







folgt. P kann both her possible and impossible. So,
let us work...



“...a bomb has gone off in our communal psycho-sphere.” (Alvin Toffer, 3d Wave, 1980)...

Since 1980

- * **down-time has decreased in half**
- * **average work week increased seven hours**
- * **twice the number of decisions**
- * **rate of change has doubled**
- * **technology has exploded**
- * **e-mail became more voluminous than regular mail**
- * **spending on medical care is up %200.**
- * **ten times as many therapists**
- * **4 out of 5 Americans don't get enough sleep**
- * **few Americans know their neighbors and have intimate relationships**
- * **kids are cracking up**

“The high-tech world of clocks and schedules, computers and programs, was supposed to free us from a life of toil and deprivation, yet with each passing day the human race becomes more enslaved, exploited, and victimized.” Jeremy Rifkin, *Technological Chance*.

“I think I should not go far wrong to assert that the amount of genuine leisure available in a society is generally in inverse proportion to the amount of labor-saving machinery it employs.”
E.F. Shumacher, *British Economist*

Matt. 8:14-18, 23-24 _ When Jesus entered Peter's house, he saw his mother-in-law lying in bed with a fever; he touched her hand, and the fever left her, and she got up and began to serve him. That evening they brought to him many who were possessed with demons; and he cast out the spirits with a word, and cured all who were sick. This was to fulfill what had been spoken through the prophet Isaiah, "He took our infirmities and bore our diseases."

Now when Jesus saw great crowds around him, he gave orders to go over *to the other side*. And when he got into the boat, his disciples followed him. A windstorm arose on the sea, so great that the boat was being swamped by the waves; but he was asleep.

**“We are hyper-living, skimming along
on the surface of life...” David Zach, Futurist.**

I. We Are Finite

II. God Commands REST

Ex. 31:14 “Observe the Sabbath, because it is holy to you... whoever does any work on that day must be cut off from his people.”

III. To Rest, We Must Force Margins

WHC Vision

To be a community
of spiritually empowered people
who reflect God's love
and advance God's Kingdom
in St. Paul and the surrounding area
and to the world as the Lord leads
working hand in hand with other expressions
of the Body of Christ
until all have reached fullness in Christ

Greg's Mission Statement

“To glory God by making as qualitative and as quantitative an impact for the Kingdom of God as is humanly possible before I die.”

Greg's Vision Statement

“ Using every means possible, I seek to incarnate and advance the love and truth of Jesus Christ to my family, my small group, my ministry associates and to all people as the Lord leads.”