



# SKYMING

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Backstory

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Live Translation : )

NEW YORK TIMES BESTSELLING AUTHOR

# CIXIN LIU

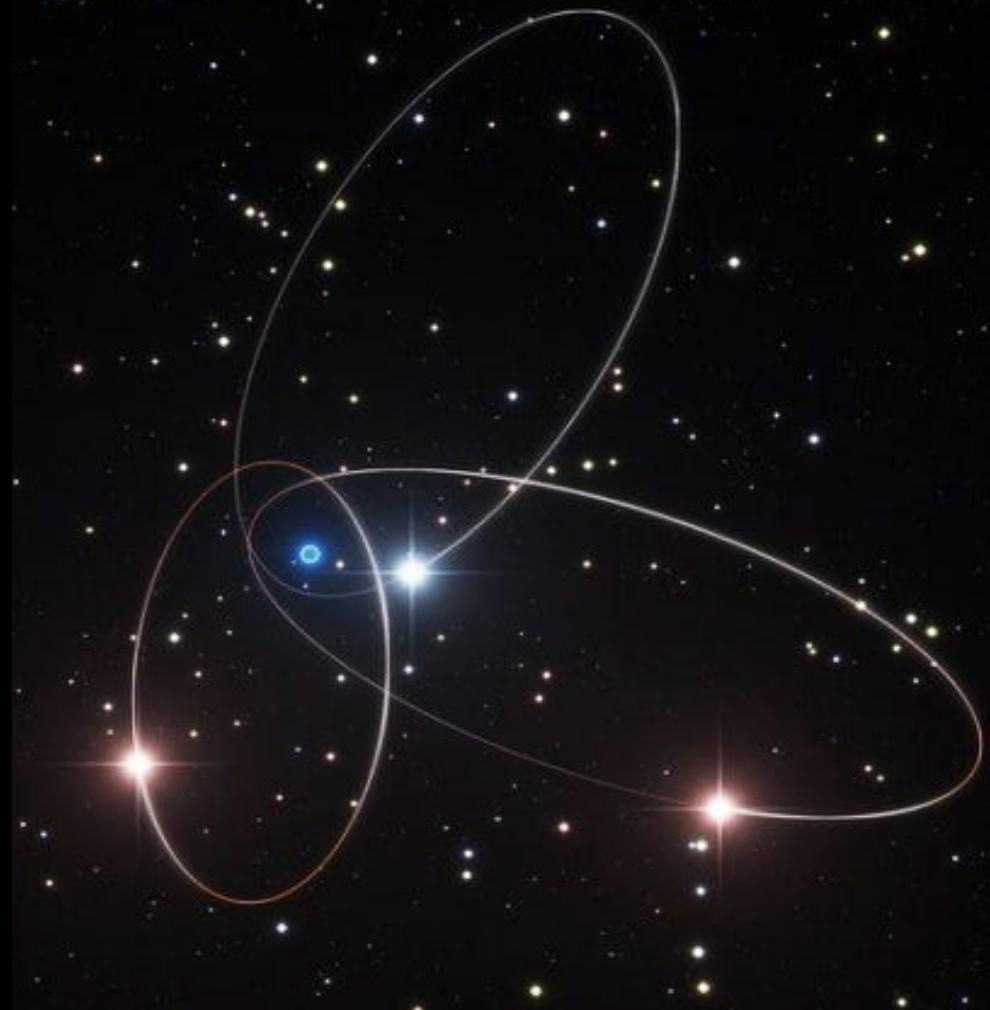
Translated by JOEL MARTINSEN

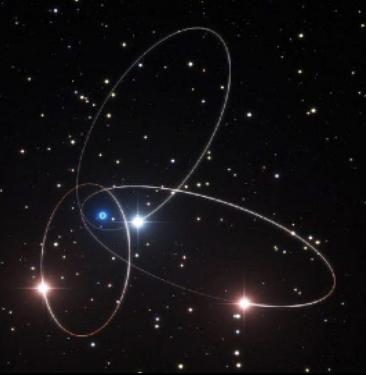
# THE DARK FOREST

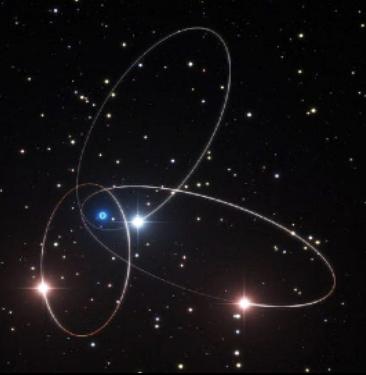
THE SEQUEL TO THE BESTSELLING NOVEL  
THE THREE-BODY PROBLEM

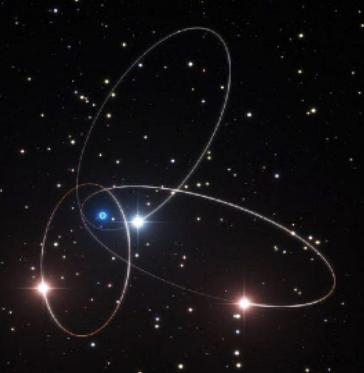
“Wildly imaginative.”

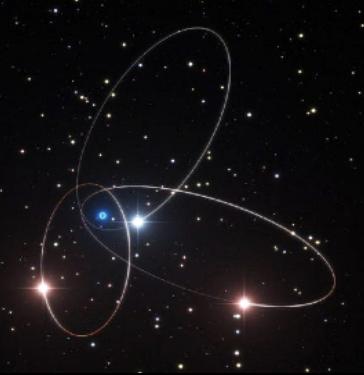
—PRESIDENT  
BARACK OBAMA

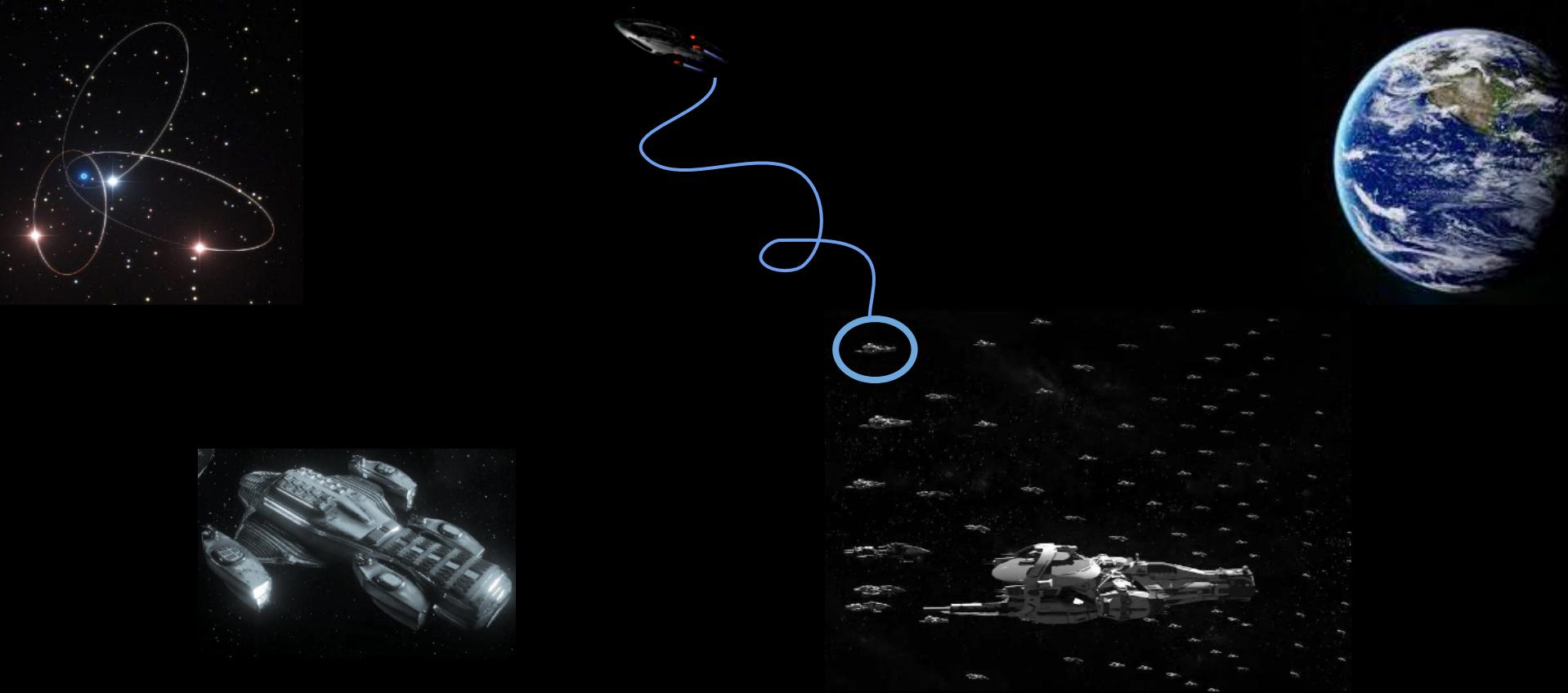


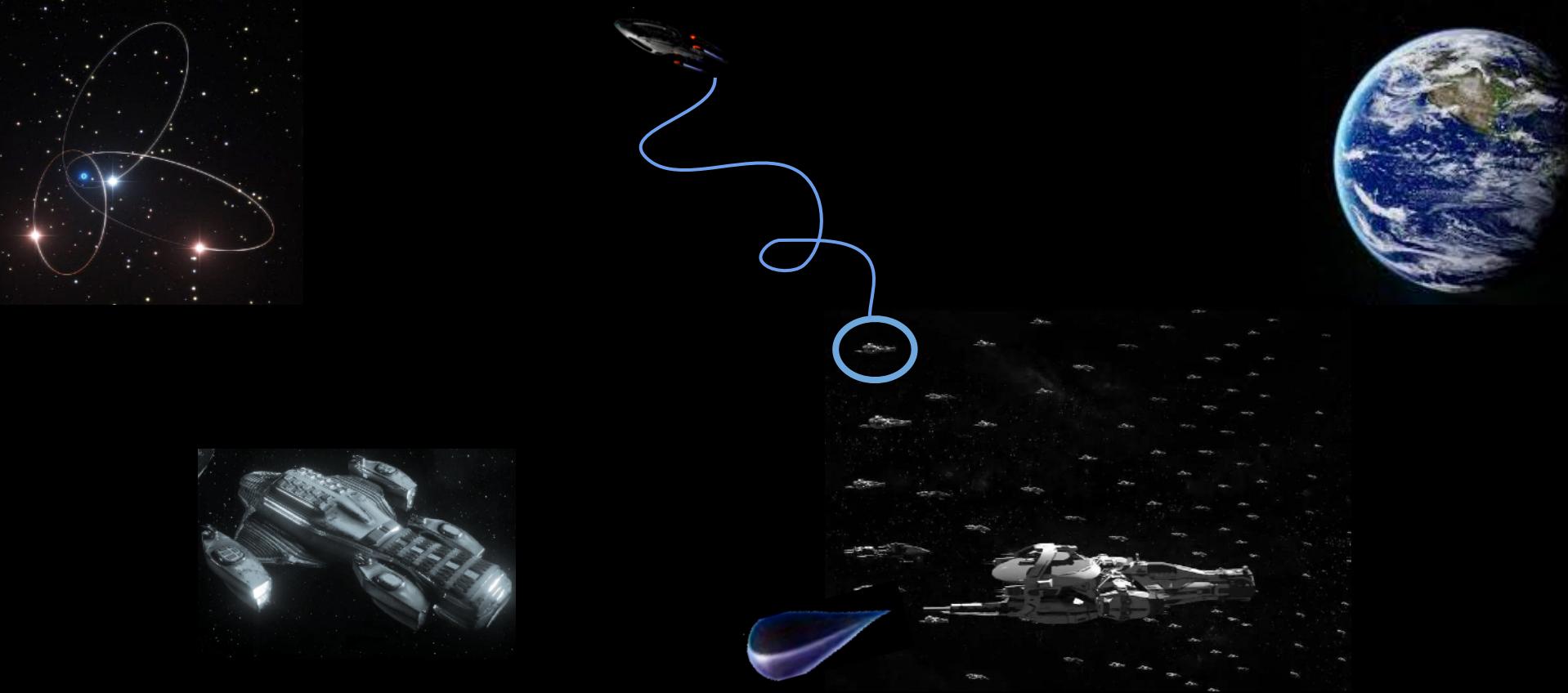


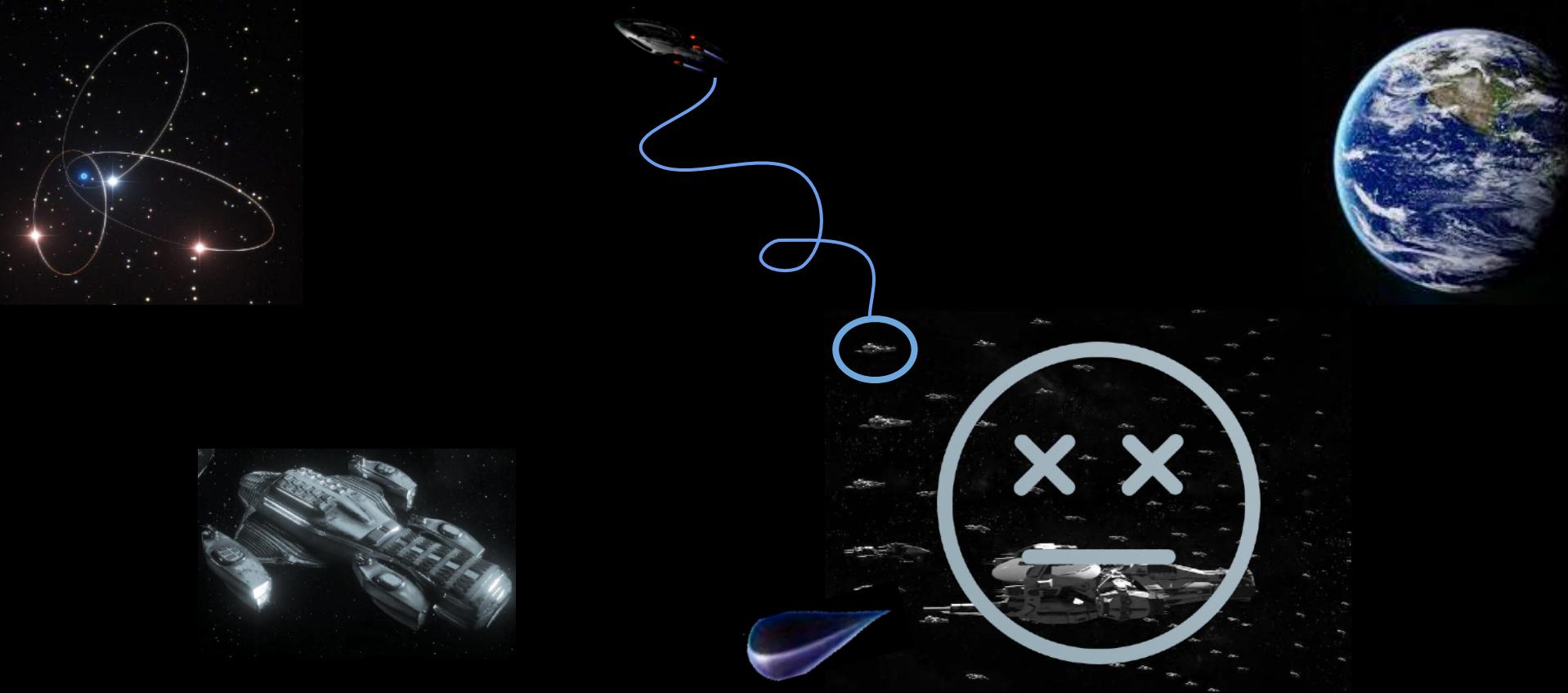


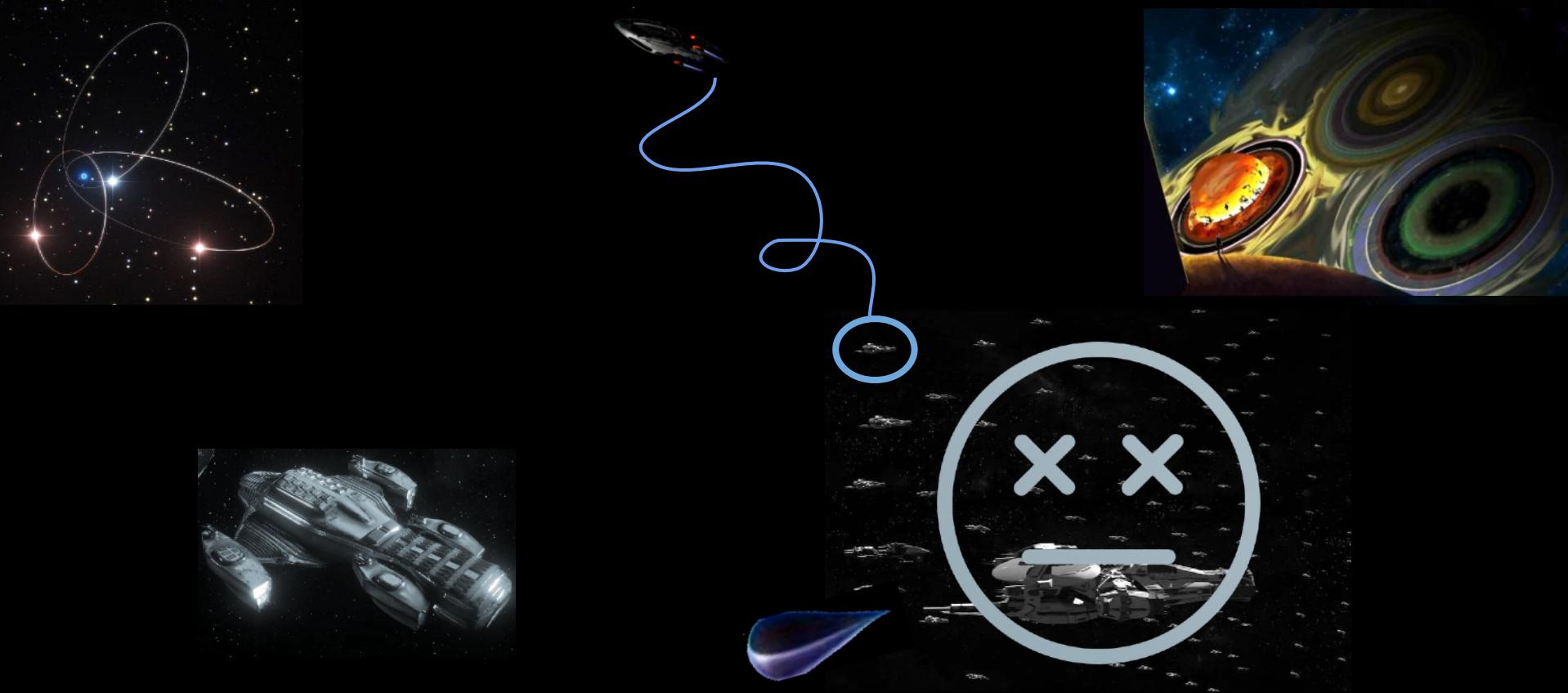


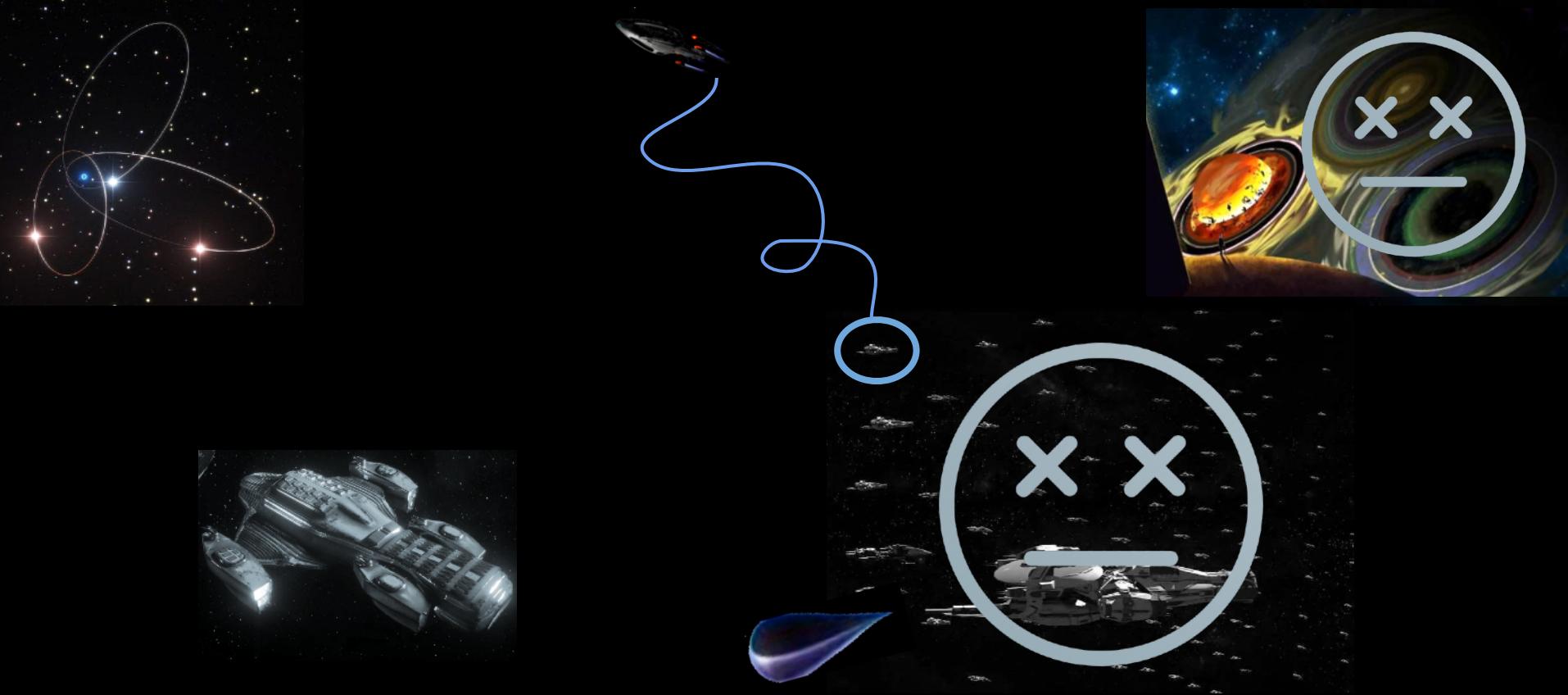


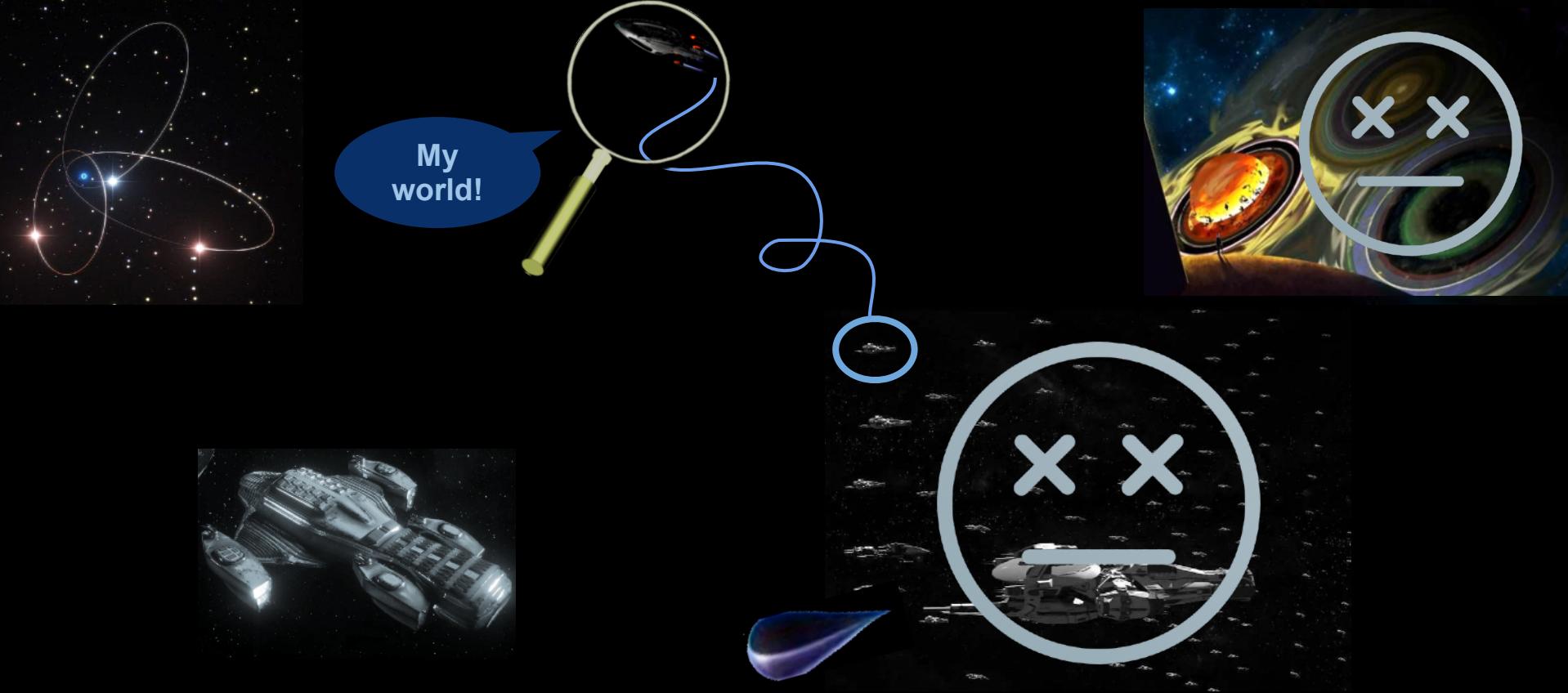












# Sounds

## Vowels

Phoneme	Monophthongs						Diphthongs		
	a	i	u	e	o	ə	iu	in	ae
IPA Symbol	æ	i	u	e	əθ	ə			
Gloss	Sarah	me	moody	beta	oh		you	inn	pie

## Consonants

	Bilabial	Labio-dental	Alveolar	Post-alveolar	Velar
Plosive	b, p( <i>p<sup>h</sup></i> )		d, t( <i>t<sup>h</sup></i> )		g, k( <i>k<sup>h</sup></i> )
Nasal	m	n			
Fricative		v, f	z, s	ʒ, ʃ	
Affricates			dz, ts	dʒ, tʃ	
Lateral				l	



**Mission: protect and continue human civilization**

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Intermediate goal: optimize what genes get passed to the next generation

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Gene checker

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	3SG	3PL	1SG	1PL	2SG	2PL
	dʒo	dʒome	si	sime	ʒiu	ʒiume
Kid	pae	paeme				
Man	bo	bome				
Woman	tʃin	tʃinme				
Friend	fae	faeme				

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# Deictic Pronouns

dzi	this	ciu	that
dʒome	these	dʒome səciusoli	those (“these over there”)
dzisoli	here (“this place”)	ciusoli	there (“that place”)
inge	now	inciu	then
dzikuža	this way	ciukuža	that way

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ſoli: place

sə- ... -ſoli:

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ſoli: place

sə- ... -ſoli:    sə təluſo ſoli  
                    AP forest LOC  
                    in forest location

# The Time System

1 day == 4 quarters == 12 segments

In memory of the 4 seasons on the Earth

Quarter	Segment	Flower (SKYMING )	Flower (English)	Status (SKYMING )	Status (English)
1	1	muʒə	li	crabapple	
	2	muʒə	ʒu	crabapple	budding
	3	muʒə	ko	crabapple	blooming
2	4	safi	li	waterlily	
	5	safi	ʒu	waterlily	budding
	6	safi	ko	waterlily	withering
3	7	faete	li	daisy	
	8	faete	ʒu	daisy	budding
	9	faete	ko	daisy	withering
4	10	iuzu	li	narcissus	
	11	iuzu	ʒu	narcissus	budding
	12	iuzu	ko	narcissus	withering

# The Number System

	SKYMING	English		SKYMING	English
1	ȝə	one	11	moȝə	ten one
2	sa	two	12	mosa	ten two
3	te	three	13	mote	ten three
4	zu	four	14	mozu	ten four
5	fi	five	20	samo	two ten
6	dae	six	30	temo	three ten
7	ve	seven	100	ȝəvin	one hundred
8	tiu	eight	108	ȝəvintiu	one hundred eight
9	tʃa	nine	220	savinsamo	two hundred two ten
10	mo	ten	679	daevinvemotʃa	six hundred seven ten nine

# Tense

Tense	Marker	Gloss	Notes
General past	-mi	PST	
Recent past	-di	PSTS	past-short
Present			default
Near future	-do	FUTS	future-short
General future	-m	FUT	

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-di (I just did ...)

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-do (I'm immediately going to do ...)

- ❖ Just wait a second,
- ❖ I'm occupied in the next second

-di (I just did ...)

- ❖ You may not be aware of it

# Verbs

Helping verb	Meaning	Gloss	Usage
<b>dzaeki</b>	do	DO	Agent - <b>dzaeki</b> - Patient - Action
<b>oto</b>	figure on the ground	BLG	Predictive possession → Possessed - <b>oto</b> - Possessor Person has trait → Trait - <b>oto</b> - Subject Object has property → Property - <b>oto</b> - Subject
<b>ati</b>	cause	CAUS	
<b>iminna</b>	equal	EQL	“A is B” Report time → Inge (now) <b>iminna</b> xxx Person has identity → Person - <b>iminna</b> - identity

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	5	safɪ	ʒu	Inge iminna muʒə li viu.		
	6	safɪ	ko			
3	7	faete	li	Inge iminna muʒə li viu.		
	8	faete	ʒu	Now EQL crabapple bud hour		
	9	faete	ko	Now equal crabapple bud hour		
4	10	iuzu	li			
	11	iuzu	ʒu			
	12	iuzu	ko	It is one o'clock.		

# Aspect

Aspect	Marker	Gloss	Notes
Inceptive	-isi	INCEP	isi is also the noun for “beginning”
Cessative	-lomo	CESS	
Completive	-imu	COMPL	
Progressive	-z	PRG	

# Aspect

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Inceptive	-isi	INCEP	isi is also the noun for “beginning”
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Finish homework == Do homework + COMPL

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Finish homework == Do homework + COMPL

Convince == Persuade + COMPL

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Inceptive	-ifi	INCEP	ifi is also the noun for “beginning”
Cessative	-lomo	CESS	
Completive	-imu	COMPL	
Progressive	-z	PRG	

Finish homework == Do homework + COMPL

Convince == Persuade + COMPL

Find == Look for + COMPL

# Aspect

(6)

Si dzaekiſidi ſutə.

Si dzaeki -iſi -di ſutə.  
1.SG Do -INCEP -PSTS homework.  
I do -start -in the recent past homework.

I just started doing homework.

(7)

Si dzaekilomodi ſutə.

Si dzaeki -lomo -di ſutə.  
1.SG Do -CESS -PSTS homework.  
I do -stop -in the recent past homework.

I just stopped doing homework.

(8)

Si dzaekimudi ſutə.

Si dzaeki -imu -di ſutə.  
1.SG Do -COMPL -PSTS homework.  
I do -complete -in the recent past homework.

I just did/finished homework.

# Aspect

(6)  
Si dzaekiſidi ſutə.

Si dzaeki -iſi -di  
1.SG Do -INCEP -PSTS  
I do -start -in the recent

I just started doing homework.

(9)  
Si dzaekimi bo bølinka.

Si dzaeki -mi bo bølinka.  
1.SG Do -PST 3.SG.MASC persuasion.  
I do -ed him persuasion.

I persuaded him.

(7)  
Si dzaekilomodi ſutə.

Si dzaeki -lomo -di  
1.SG Do -CESS -PSTS  
I do -stop -in the recent

I just stopped doing homework.

(10)  
Si dzaekilomodi bo bølinka.

Si dzaeki -lomo -di bo bølinka.  
1.SG Do -CESS -PSTS 3.SG.MASC persuasion.  
I do -stop -in the recent past him persuasion.

I just stopped persuading him.

(8)  
Si dzaekimudi ſutə.

Si dzaeki -imu -di  
1.SG Do -COMPL -PSTS  
I do -complete -in the recent

I just did/finished homework.

(11)  
Si dzaekimudi bo bølinka.

Si dzaeki -imu -di bo bølinka.  
1.SG Do -COMPL -PSTS 3.SG.MASC persuasion.  
I do -complete -in the recent past him persuasion.

I just convinced him.

# How do you ask questions?

Kiuži baikinni,	Query correctness,	Whether	Answered by T/F ⇔ tʃu / na
Kiuži ožako,	Query time,	When	
Kiuži ſoli,	Query place,	Where	
Kiuži domə,	Query reason,	Why	
Kiuži kuža,	Query instrument,	How	
Kiuži tſae,	Query person,	Who	
Kiuži fibona, Kiuži idžu	Query number, Query color,	How many What color	
Kiuži xxx,	Query xxx,	What	Kiuži, žiuvə ameli? Query, your dream?

Live Translation ~



# Live Translation ~



bus book title idea love correctness front meeting beginning  
end risk joy box top mountain house bamboo paper bread  
pizza bag apple day year sadness juice bottle person kill  
professor wisdom eye ear daughter door age pen pain length  
daughter fruit banana yesterday admiration hatred laughter  
query persuasion forest search universe ghost civilization  
coverage tree tree-branch invisible-state superman fairy heat  
fragility weakness hunter breath effort sound infant old-person  
discovery path safety similarity alertness angel demon choice  
threat exposure self appearance paradox explanation color  
number dream purchase visual-perception audio-perception  
ingestion ability/inability desire authorship excess submission

# Live Translation ~



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query persuasion forest search universe ghost civilization  
coverage tree tree-branch invisible-state superman fairy heat  
fragility weakness hunter breath effort sound infant old-person  
discovery path safety similarity alertness angel demon choice  
threat exposure self appearance paradox explanation color  
number dream purchase visual-perception audio-perception  
ingestion ability/inability desire authorship excess submission

many/mere  
yellow green  
happy/sad  
smart good  
long numerous  
big/small correct  
invisible open  
young/old fragile  
fairy-like hero-  
like dark/bright  
weak soft  
eternal