



Artful NLP:

The Breakfast of Duchampions



***Aaahhh
Jaysus,
lads ...***



***Got any
crisps?***

Drowning in Debt

Dir: Ken Douche-Bagg

Scene XII

Guinness Brewery, Interior.
(cue solemn music)

Tom: There's been an accident,
Mary. Bill is dead.

Mary: Oh My God!! NO!!
How did it happen?

Tom: He fell into the beer vat
and drowned. I'm so sorry.

Mary: Oh God ... did he suffer?
Was it a quick death?

(cut to flashback)

Hot-Tub Honeys

Dir: Marti Di Bergi

Scene XXI

Hotel Hot-tub, Interior.
(cue jazzy music)

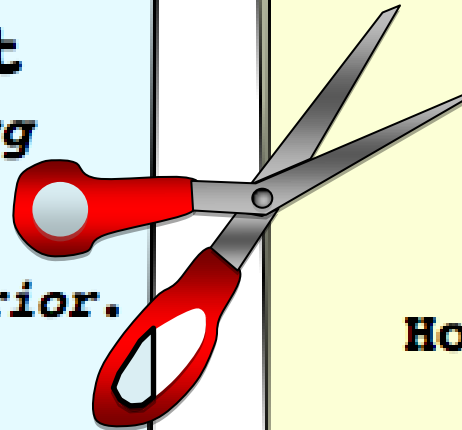
Tom: Hey, where's the soap?

Angie: Bob had it last ...

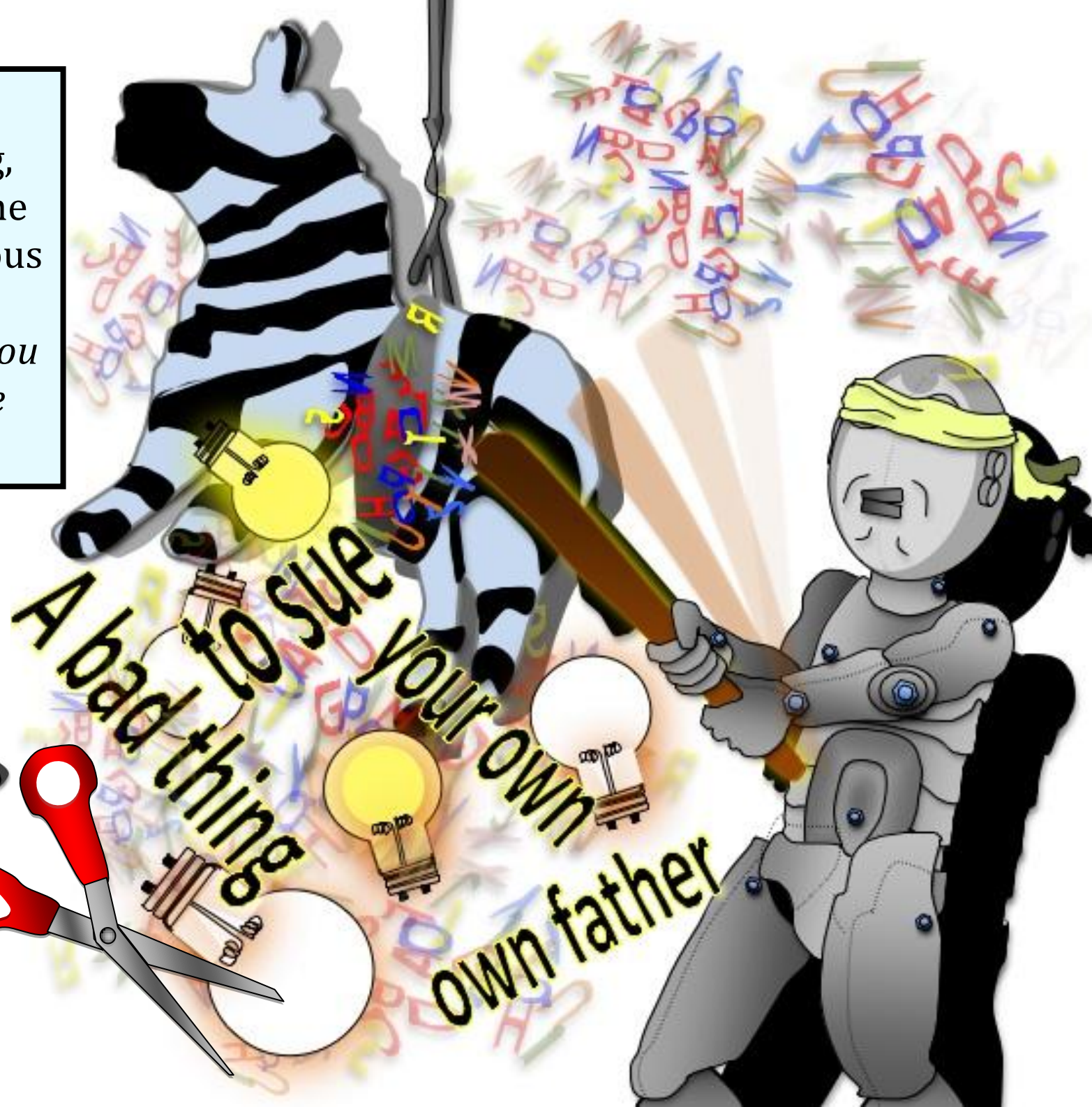
Tom: Where's Bob anyway?

Angie: Didn't he go home?

Tom: No, actually ... He got out
twice to use the toilet!

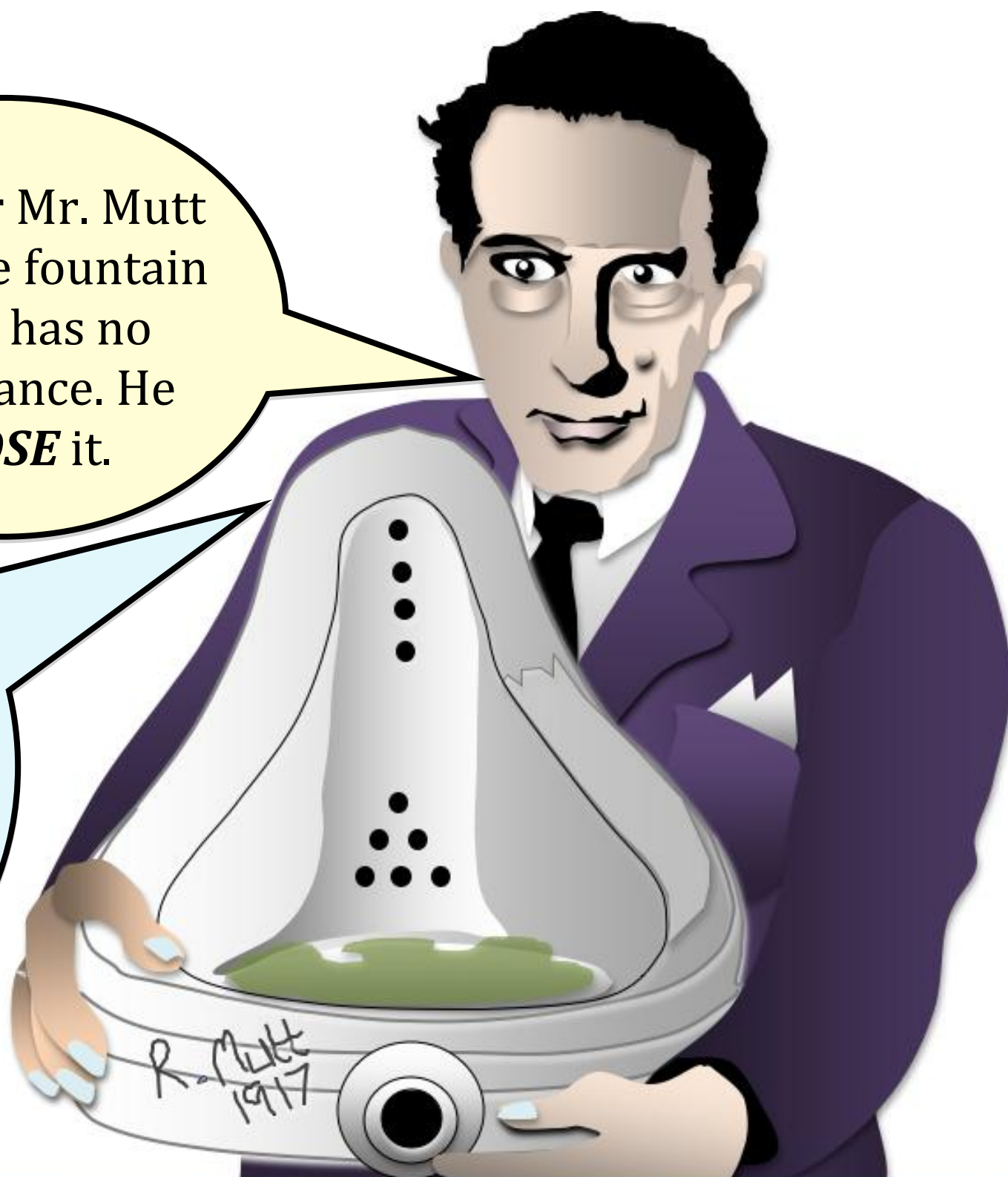


One cannot will
spontaneity into being,
but one can introduce the
unpredictable spontaneous
factor with a pair of
scissors. Indeed, *when you
cut into the present, the
future leaks out.*



Whether Mr. Mutt
made the fountain
or not has no
importance. He
CHOSE it.

He took an
ordinary article of
life, placed it so its
useful ***significance***
disappeared under the
new title and point of
view - created a new
thought for that
object.



**Real shark.
Please do not feed.**



Damien Hirst

**Real urinal.
Please do not use.**



Marcel Duchamp

**Real vase.
Please take.**



Yoko Ono

Readymades in Art

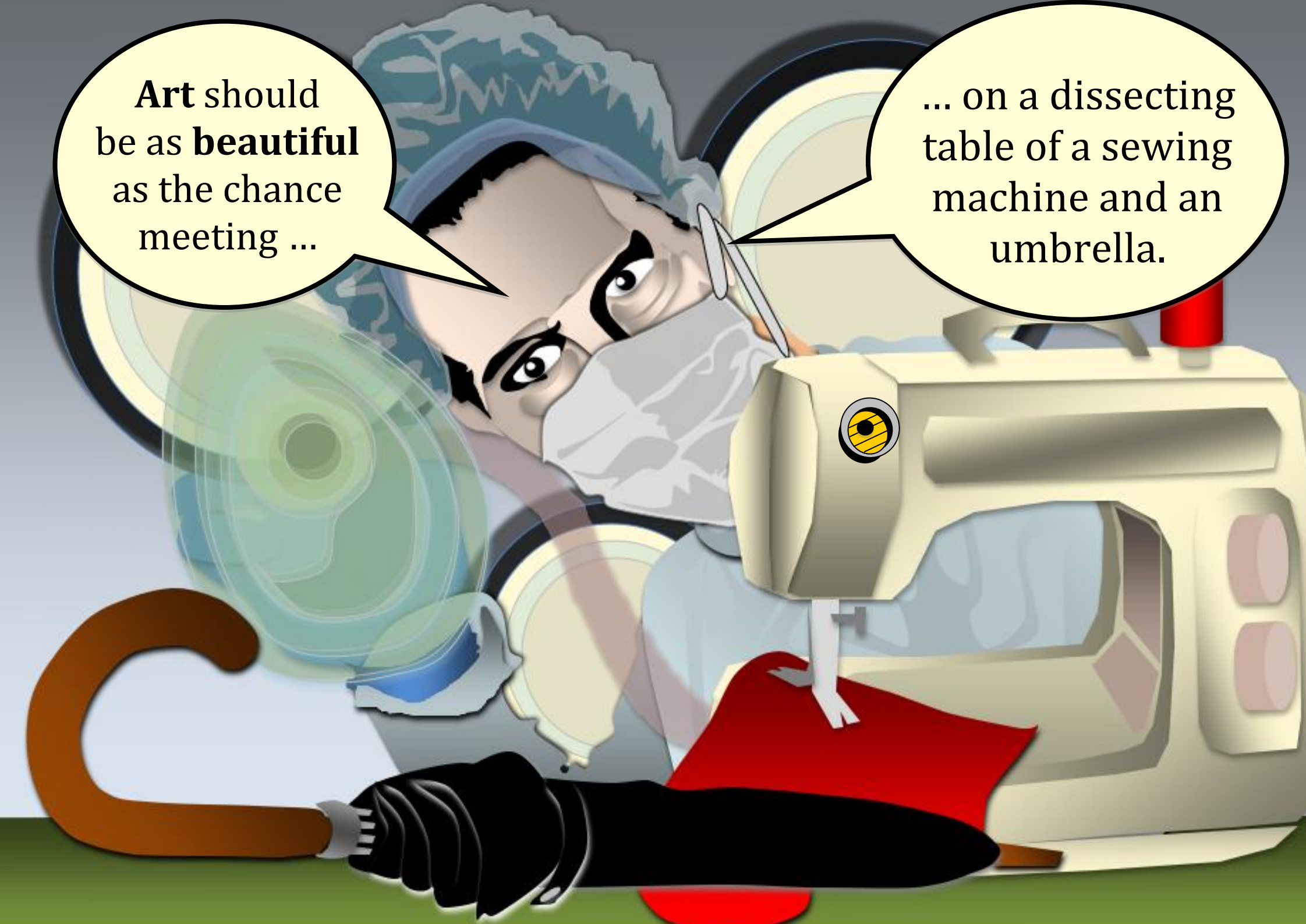


You're going
to need a
bigger boat!

Aye

Art Attack

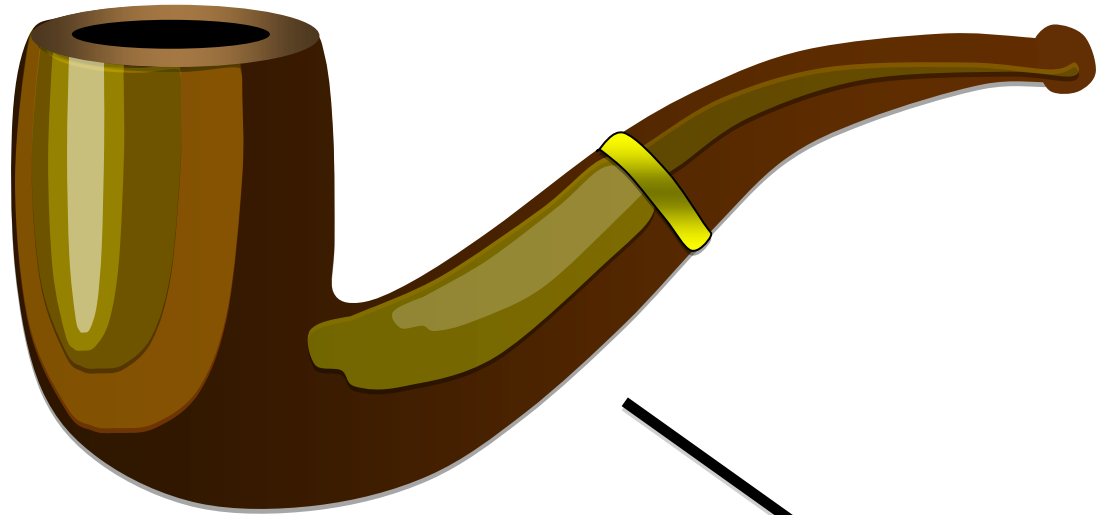
Movie Quotes as Linguistic Readymades



Art should
be as **beautiful**
as the chance
meeting ...

... on a dissecting
table of a sewing
machine and an
umbrella.

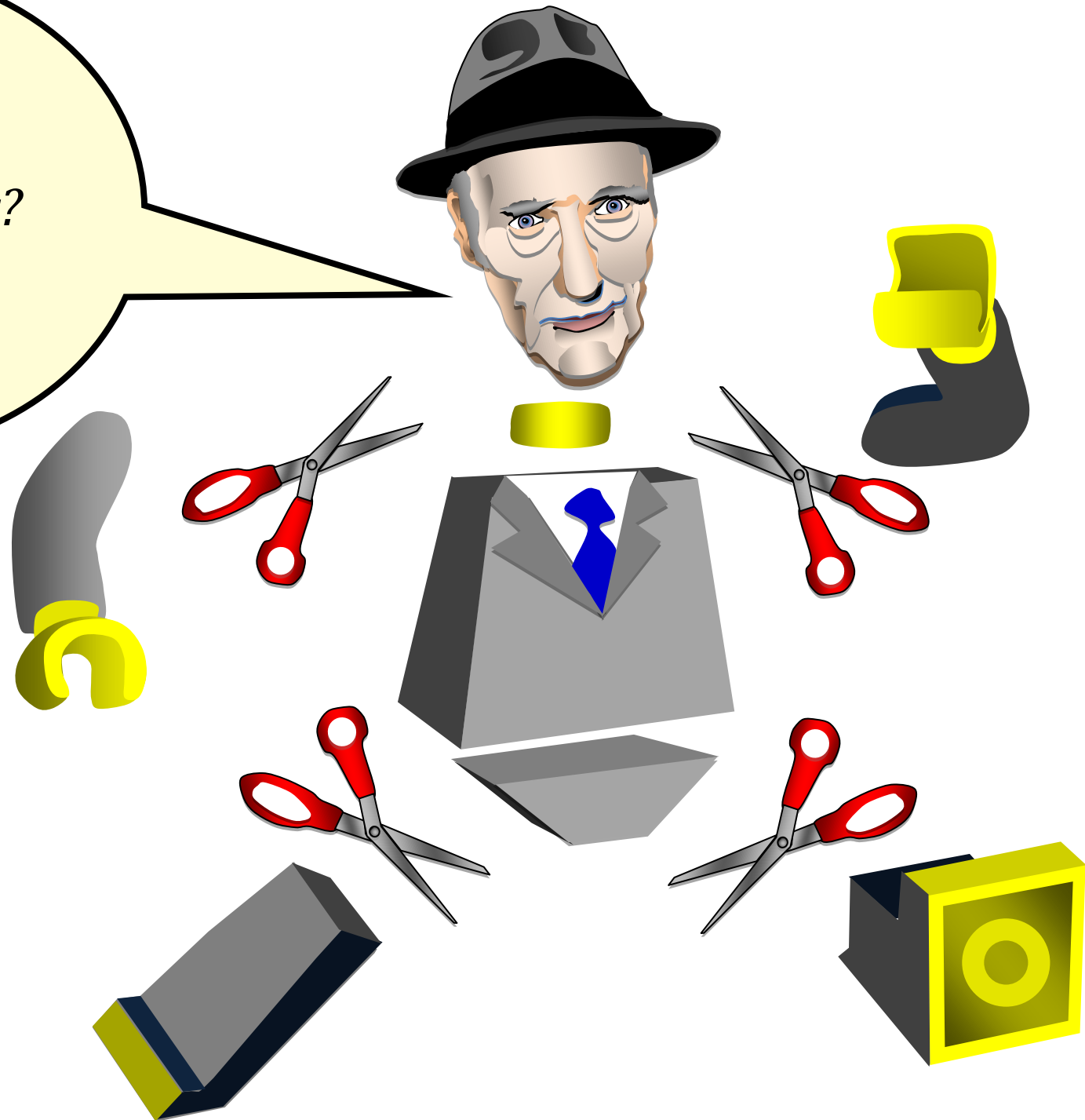
"pipe"



Not a PIPE'

Magritte's Les Mots et Les Images

*What would
I want a
computer for?
I have a
typewriter!*



D'OH!

Input an adjectival property

as cold

as Go

Afflatus.UCD.ie



The Jigsaw Bard

Phrases in blue are computer-generated; all other phrases are automatically mined from large corpora.

Co-Occurring Properties of 'cold'

cold and slippery
cold and dreary
cold and heartless
cold and motionless
cold and miserable
cold and inorganic
cold and unsympathetic

Peotic Elaborations

the eye of a storm (10365)
the eye and power of a storm (10365)
the eye and voice of a storm (10365)
the eye and air of a storm (10365)
the eye and wake of a storm (10365)
the power of a storm (2828)
the power and eye of a storm (2828)
the power and voice of a storm (2828)
the power and air of a storm (2828)
the power and fury of a storm (2828)

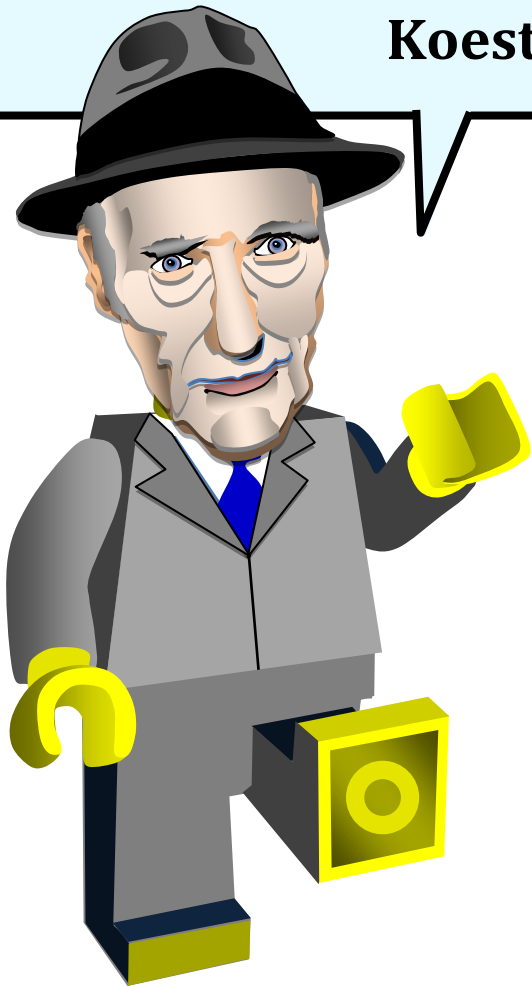
Simple Elaborations

a wet haddock (6155)
a wet fish (6152)
a wet snow (6142)
a wet January (6118)
a wet storm (6112)
a wet cucumber (6111)
a wet mackerel (6109)
a wet snowball (6106)
a wet snowstorm (6106)
an unfeeling robot (2411)
a heartless robot (2207)
a gray January (2109)
a lifeless corpse (2031)
a lifeless robot (2006)
a bitter storm (1714)
a bitter January (1713)
a bitter snowstorm (1707)
a pale corpse (1610)
a dead fish (1514)

Complex Elaborations

a fish-eyed storm (10040)
a glacier with the eye of a fish (10040)
the belly of a fish (10032)
the wake of a storm (10032)
the wall of a cave (10032)
a snow blizzard (10029)
a snowy January (10023)
a fridge with a refrigerator freezer (10023)
a refrigerator freezer (10023)
the flesh of a fish (10022)
the fury of a storm (10020)
a bullet-riddled corpse (10019)
the eyes of a fish (10018)
the power of a storm (10018)
a robotic fish (10018)
the surface of a steel (10018)
the heart of a killer (10017)
the darkness of a cave (10016)
the wall of a fortress (10016)

@twoheadlines by *Darius Kazemi* uses the ***Cut-Up Technique*** developed by **William Burroughs & Brion Gysin**. Two texts are spliced to promote a jarring *bisociation of ideas* in the sense of **Arthur Koestler**.



Two Headlines @TwoHeadlines · 55m

Myrtle Beach's MD Uttam Bose, two others resign

Expand

Reply Retweet Favorite ... More

Two Headlines @TwoHeadlines · 1h

MailOnline blocked in Genetically modified organisms after it publishes video of Princess Srirasmii ...

Expand

Reply Retweet Favorite ... More

Two Headlines @TwoHeadlines · 2h

Report: Philadelphia Phillies involved in brawl with rapper TI

Expand

Reply Retweet Favorite ... More

Two Headlines @TwoHeadlines · 3h

Hindustan Motors says lighter-than-'MacBook-Air' 'Surface Pro 3' may ...

Expand

Reply Retweet Favorite ... More

Two Headlines @TwoHeadlines · 4h

Bob Benson and Memorial Day's Disappearing Gay Characters

Expand

Reply Retweet Favorite ... More

Two Headlines @TwoHeadlines · 5h

Abdel Fattah el-Sisi No Longer Directing Marvel's Ant-Man

Expand

Reply Retweet Favorite ... More

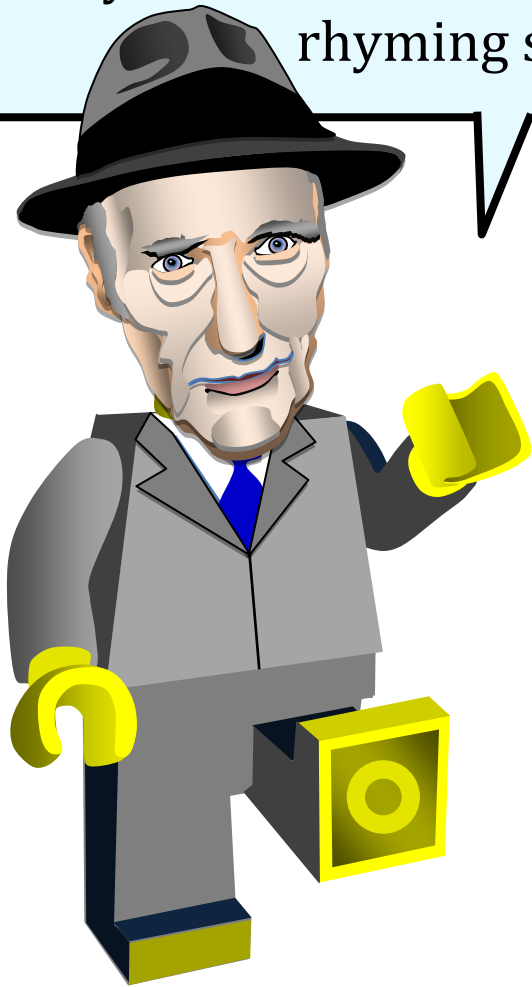
Two Headlines @TwoHeadlines · 6h

Arrest Made in 1978 Leonardo DiCaprio Pipeline Bombing

Expand

Reply Retweet Favorite ... More

@Pentametr uses the *Cut-Up Technique* for poetic purposes, to find an accidental poetry in banal tweets. Two tweets are spliced together because they each have ten syllables and end on a rhyming sound.



Retweeted by Pentametr



DOLL ♡ @HotAndDAEgerous · 6h

I'm leaving. Never looking back again.



2



Retweeted by Pentametr



Unruly Teddy @TEDDY_BALLA · 7h

too many many many many men



1



1



Retweeted by Pentametr



Nik @RichENfamous · 8h

These dudes were dancing at the concert too



2



Retweeted by Pentametr



bay @Bayleereid_ · 8h

Love has the power to bewilder you



3



2



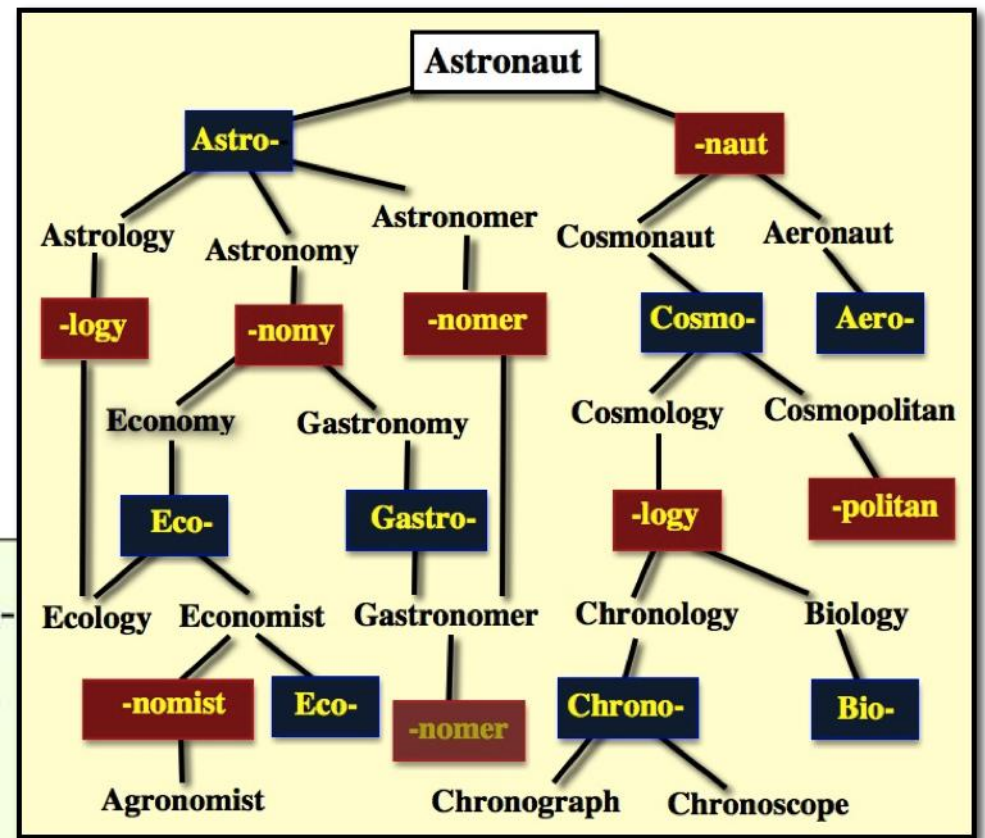


Colliding Worlds and Words: *The Cut-Up Method At the Word-Level*



-logy	<i>study, discipline, system</i>
-scope	<i>display, monitor, viewer</i>
-naut	<i>traveller, sailor</i>
-polis	<i>city</i>
-metry	<i>measurement</i>
-mancy	<i>magic</i>
-pile	<i>opening, gap, vent</i>
-nym	<i>name</i>
-trope	<i>seeker, follower</i>
-glyph	<i>marking, symbol, icon, rune</i>

chrono-	
gastro-	
necro-	
pyro-	<i>heat, fire, flame</i>
psycho-	<i>mind, mental, crazy</i>
geo-	<i>place, location</i>
cryo-	<i>cold, ice</i>
hydro-	<i>water</i>
helio-	<i>sun</i>
phono-	<i>sound, hearing</i>



Gerontonaut	"age explorer"	Aironaut	"air traveller"	Nyctalonaut	"night traveller"
Oxionaut	"air traveller"	AERONAUT	"air traveller"	Oceanonaut	"ocean explorer"
Avionaut	"airplane traveller"	Xenonaut	"alien explorer"	Diplonaut	"diplomatic traveller"
Allelonaut	"alternative traveller"	Paleonaut	"ancient explorer"	Telenaut	"distant traveller"
Archeonaut	"history explorer"	Anthonaut	"archive explorer"	Pictonaut	"image explorer"
Taxonaut	"type explorer"	SPACENAUT	"space explorer"	Aquilonaut	"eagle explorer"
Phononaut	"audio explorer"	Autonaut	"automatic explorer"	TERRANAUT	"earth explorer"
Aristonaut	"royal traveller"	Optinaut	"great traveller"	Ergonaut	"energy explorer"
Primonaut	"first explorer"	Magninaut	"big explorer"	Photonaut	"light explorer"
BIONAUT	"life explorer"	Biblionaut	"library explorer"	Histerionaut	"time explorer"
NEURONAUT	"mind explorer"	PSYCHONAUT	"crazy traveller"	Ophthalmonaut	"eye explorer"
Pontonaut	"bridge explorer"	Stegonaut	"hidden traveller"	Videonaut	"image explorer"
Numismatonaut	"cash traveller"	Aetionaut	"cause explorer"	Matronaut	"female traveller"
Speleonaut	"cave explorer"	Cytenaut	"cell explorer"	Pyronaut	"fire explorer"
Dynonaut	"change explorer"	Arterionaut	"channel explorer"	Ludonaut	"fun traveller"
Vianaut	"portal explorer"	Rheonaut	"circulation explorer"	Bononaut	"good traveller"
Civinaut	"citizen explorer"	Citinaut	"city explorer"	Misonaut	"hate explorer"
Metronaut	"city traveller"	Juxtanaut	"close traveller"	Anthroponaut	"man explorer"
Genenaut	"gene explorer"	Cryptonaut	"code explorer"	INFONAUT	"message explorer"
Spectronaut	"light explorer"	Chloronaut	"green traveller"	Endonaut	"inner explorer"
Chromatonaut	"color explorer"	Holonaut	"complete traveller"	Veronaut	"knowledge explorer"
Encyclonaut	"comprehensive traveller"	Meronaut	"component explorer"	Lexinaut	"word explorer"
Zeugmanaut	"connection explorer"	Geonaut	"world traveller"	MACRONAUT	"large traveller"
GASTRONAUT	"gourmet traveller"	Idionaut	"personal traveller"	Cartonaut	"map explorer"

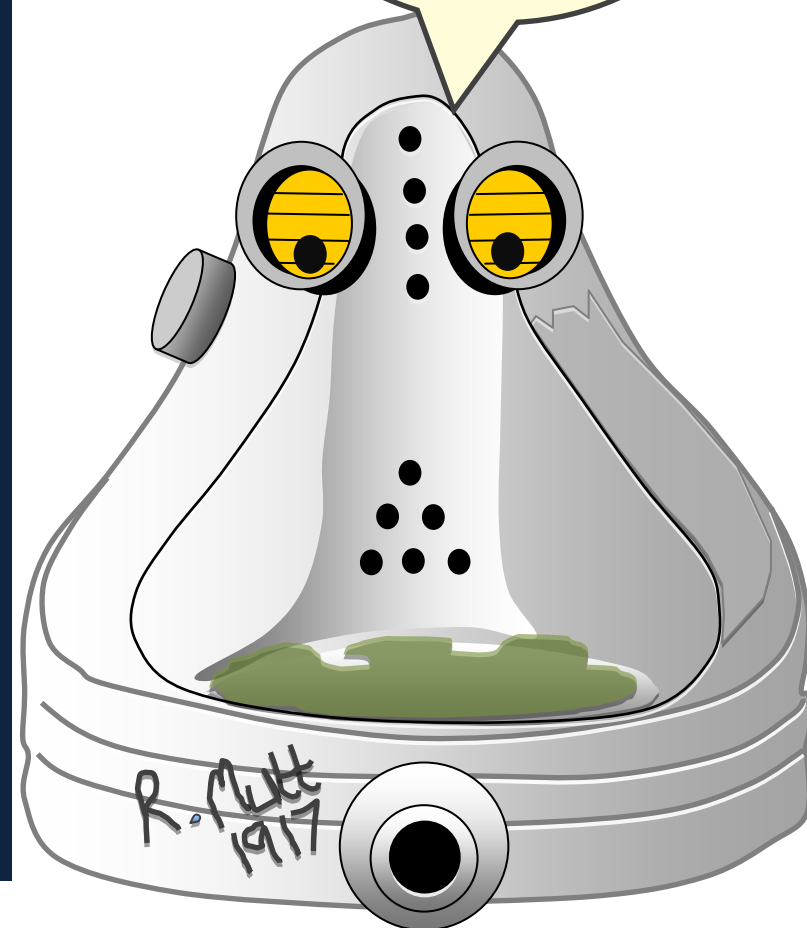
<i>Plutonaut</i>	"money traveller"	<i>Glossonaut</i>	"message explorer"	<i>Mnemonaut</i>	"memory explorer"
<i>Heteronaut</i>	"diverse traveller"	<i>Logiconaut</i>	"science traveller"	<i>Psychnaut</i>	"soul explorer"
<i>Disconaut</i>	"disk explorer"	<i>Lunonaut</i>	"moon traveller"	<i>Cinenaut</i>	"movie explorer"
<i>Cynonaut</i>	"dog traveller"	<i>Audionaut</i>	"sound explorer"	<i>Econaut</i>	"nature explorer"
ONEIRONAUT	"dream explorer"	<i>Neonaut</i>	"new traveller"	<i>Noxinaut</i>	"night traveller"
<i>Protonaut</i>	"first traveller"	<i>Nomonaut</i>	"number explorer"	<i>Oleonaut</i>	"oil explorer"
ELECTRONAUT	"electronic traveller"	<i>Mononaut</i>	"single traveller"	<i>Typonaut</i>	"print explorer"
<i>Thermonaut</i>	"energy explorer"	<i>Phytonaut</i>	"plant explorer"	<i>Floranaut</i>	"plant explorer"
<i>Anglonaut</i>	"English explorer"	<i>Tectonaut</i>	"structure explorer"	<i>Dystonaut</i>	"poor traveller"
<i>Phraseonaut</i>	"expression explorer"	<i>Temponaut</i>	"time explorer"	<i>Spironaut</i>	"ring explorer"
<i>Visionaut</i>	"picture explorer"	ROBONAUT	"robotic explorer"	<i>Lithonaut</i>	"rock explorer"
<i>Tachonaut</i>	"fast traveller"	<i>Petronaut</i>	"rock explorer"	<i>Quixonaut</i>	"romantic traveller"
<i>Oligonaut</i>	"powerful traveller"	<i>Spherenaut</i>	"world traveller"	<i>Technonaut</i>	"science explorer"
<i>Bromonaut</i>	"food explorer"	<i>Veneronaut</i>	"sex traveller"	<i>Eronaut</i>	"sex explorer"
<i>Nymphonaut</i>	"girl traveller"	<i>Conchonaut</i>	"shell explorer"	<i>Dermanaut</i>	"skin explorer"
<i>Chironaut</i>	"hand explorer"	<i>Cielonaut</i>	"sky traveller"	MICRONAUT	"tiny explorer"
CHRONONAUT	"time traveller"	<i>Leptonaut</i>	"tiny traveller"	ASTRONAUT	"space explorer"
CRYONAUT	"ice explorer"	<i>Acronaut</i>	"tall traveller"	<i>Teleonaut</i>	"task explorer"
<i>Radionaut</i>	"radio explorer"	<i>Horonaut</i>	"time traveller"	AQUANAUT	"water explorer"
<i>Hibernonaut</i>	"winter traveller"	<i>Nanonaut</i>	"tiny explorer"	<i>Chemonaut</i>	"chemical explorer"
<i>Limnonaut</i>	"lake explorer"	HYDRONAUT	"water explorer"	<i>Meteoronaut</i>	"weather explorer"
<i>Verbonaut</i>	"language traveller"	<i>Oenonaut</i>	"wine explorer"	<i>Dipsonaut</i>	"wine traveller"
<i>Patronaut</i>	"male traveller"	<i>Logonaut</i>	"word explorer"	COSMONAUT	"universe explorer"
<i>Maginaut</i>	"master traveller"				

Girosnob	"art snob"
Magnisnob	"big snob"
Maxisnob	"biggest snob"
Logosnob	"word snob"
Chocosnob	"chocolate snob"
Metrosnob	"city snob"
Cryptosnob	"code snob"
Holosnob	"total snob"
Oleosnob	"fat snob"
Choreosnob	"dance snob"
Ichtyosnob	"fish snob"
Ludosnob	"game snob"
Archeosnob	"old snob"
Lexisnob	"language snob"
Audiosnob	"music snob"
Monosnob	"only snob"
Lithosnob	"rock snob"
Cryosnob	"snow snob"
Techosnob	"technology snob"
Aquasnob	"water snob"

Phonosnob	"sound snob"
Brontosnob	"huge snob"
Biblisnob	"book snob"
Mobilesnob	"car snob"
Cinesnob	"film snob"
Taxosnob	"class snob"
Encyclosnob	"complete snob"
Gastrosnob	"culinary snob"
Ethnosnob	"culture snob"
Cynosnob	"dog snob"
Bromasnob	"food snob"
Chronosnob	"history snob"
Endosnob	"inner snob"
Dipsosnob	"liquor snob"
Paleosnob	"old snob"
Phytosnob	"plant snob"
Aristosnob	"royal snob"
Civisnob	"society snob"
Bellisnob	"war snob"
Cyclosnob	"wheel snob"

UGGHH!

Having you
been swilling
Spanish *plonk*
again?



Convergent Thinking

A reliance of *right vs. wrong* thinking.

A promotion of norms, standards & proven methods.

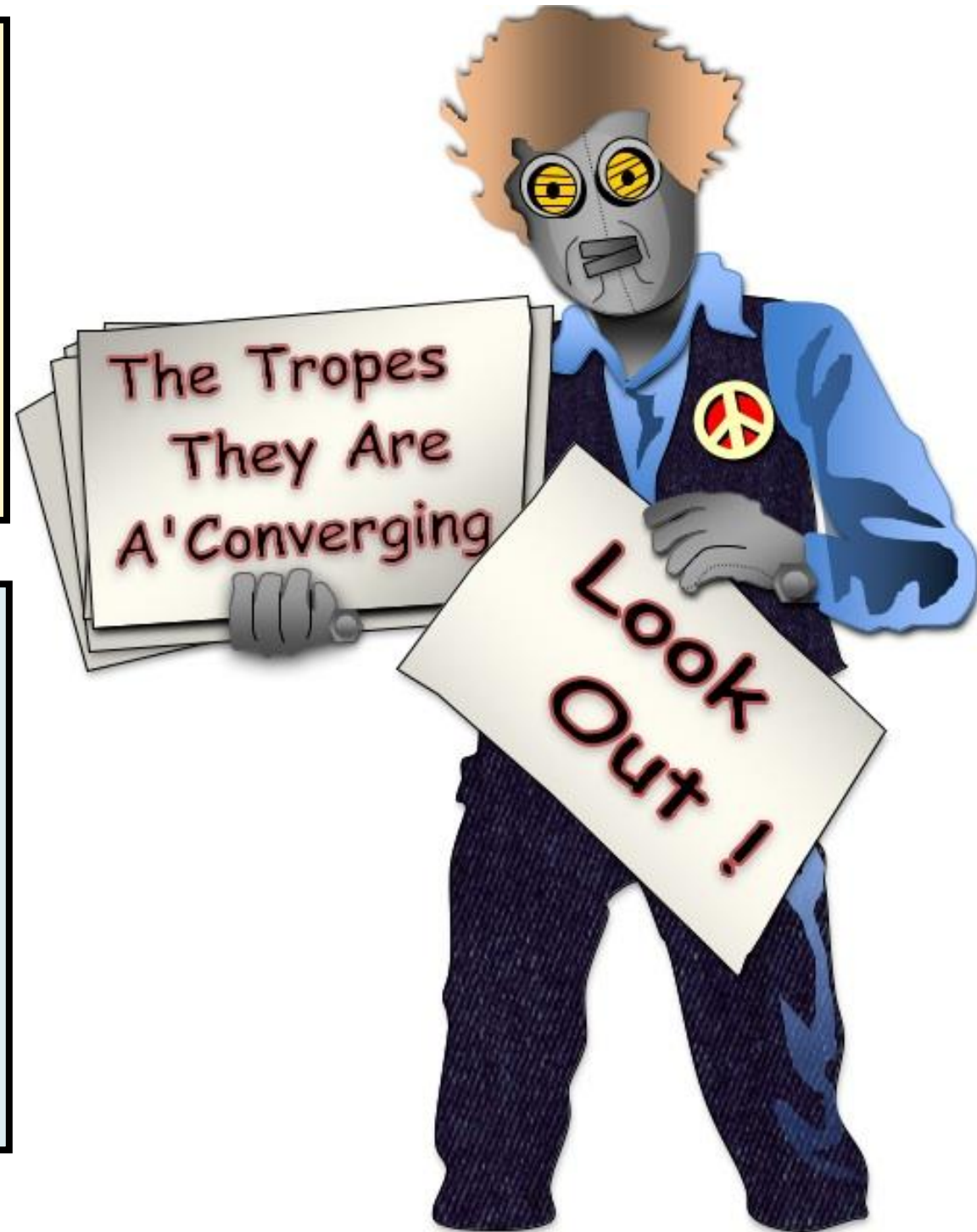
Convergence toward a single viewpoint and a consensus answer.

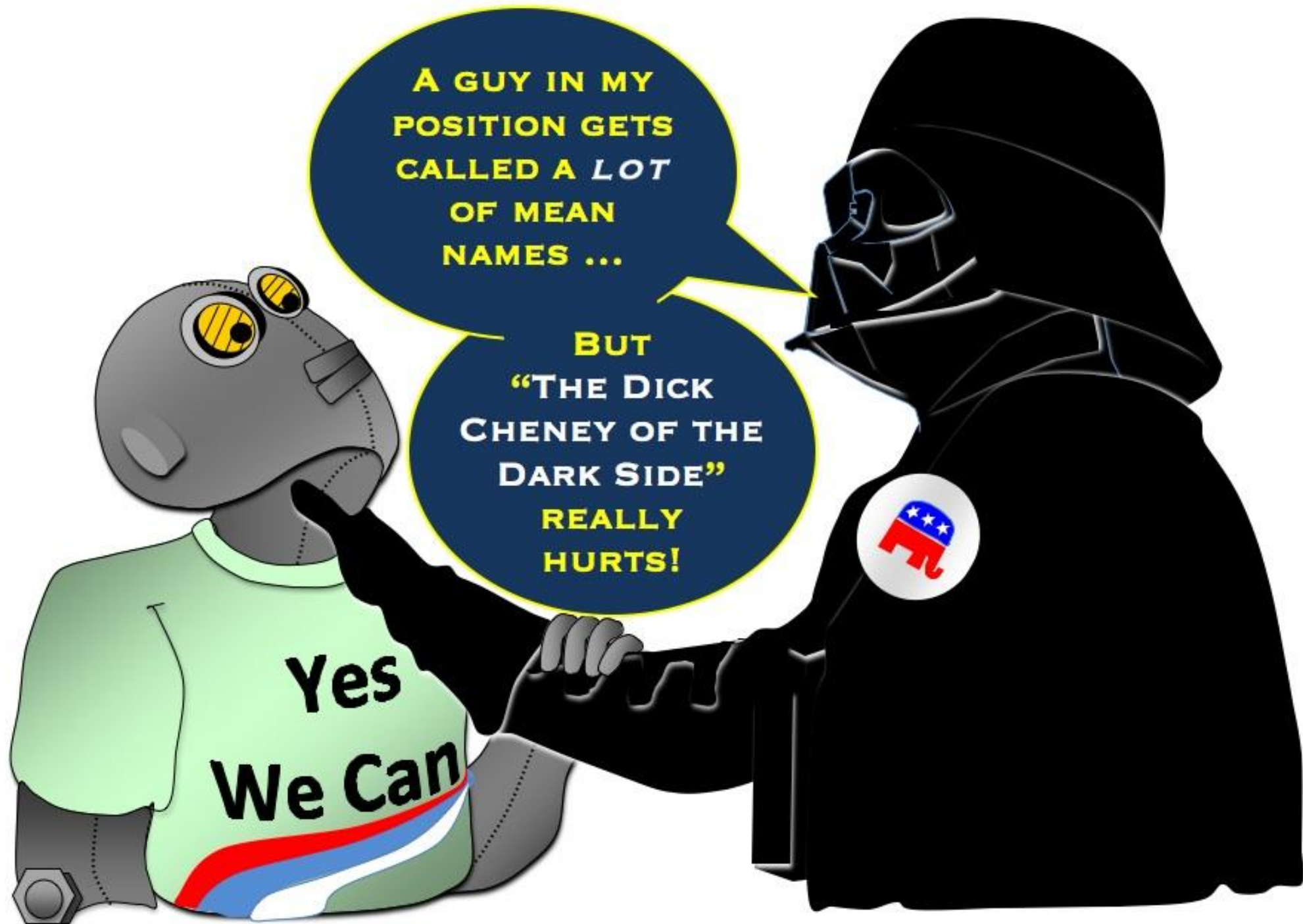
Divergent Thinking

A rejection of *right vs. wrong* thinking.

Divergence promotes diverse answers, along different dimensions of validity.

Cut-ups promote unusual combinations, multiple viewpoints, the *view askew*.





X is the Y of the Z



Riesling is the **Kenny G** of the **wine** world:
*technically brilliant, but oh-so-lacking in
credibility!*

A Web Corpus of figurative X is the Y of Z Constructions

David Cameron is the Tony Blair of the conservative party

Michael Jordan is the Tony Hawk of the basketball world

Milton Caniff is the Rembrandt of the comics

Scipio Africanus is the Tommy Franks of the Roman legions

Peter Brett is the Tolstoy of the F train

Daniel Melingo is the Tom Waits of the contemporary tango

Shahrukh Khan is the Tom Cruise of the Bollywood Industry

Edward Abbey is the Thoreau of the desert

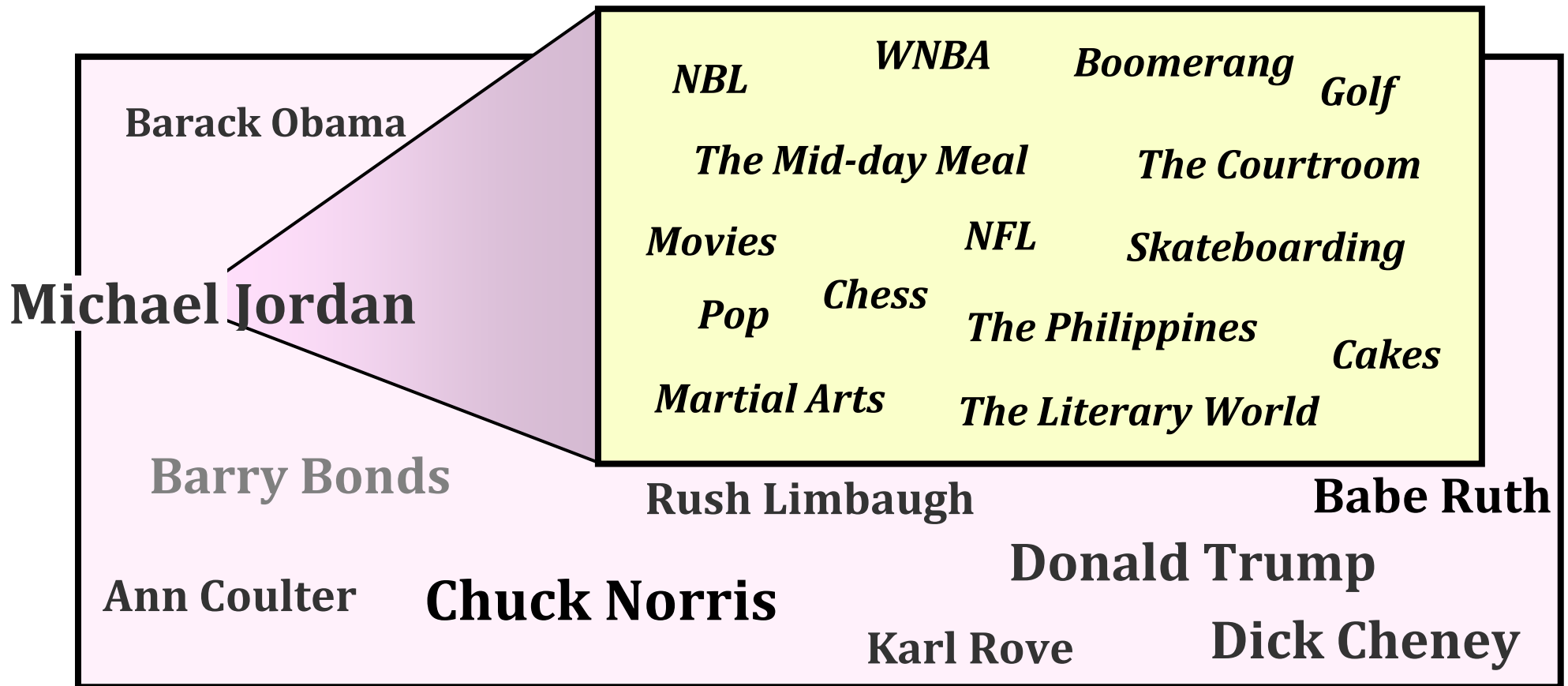
June Wanniski is the Thomas Paine of the Reagan revolution

Bill Gates is the Thomas Edison of the tech industry

Paris Hilton is the Zsa Zsa Gabor of the 21st Century

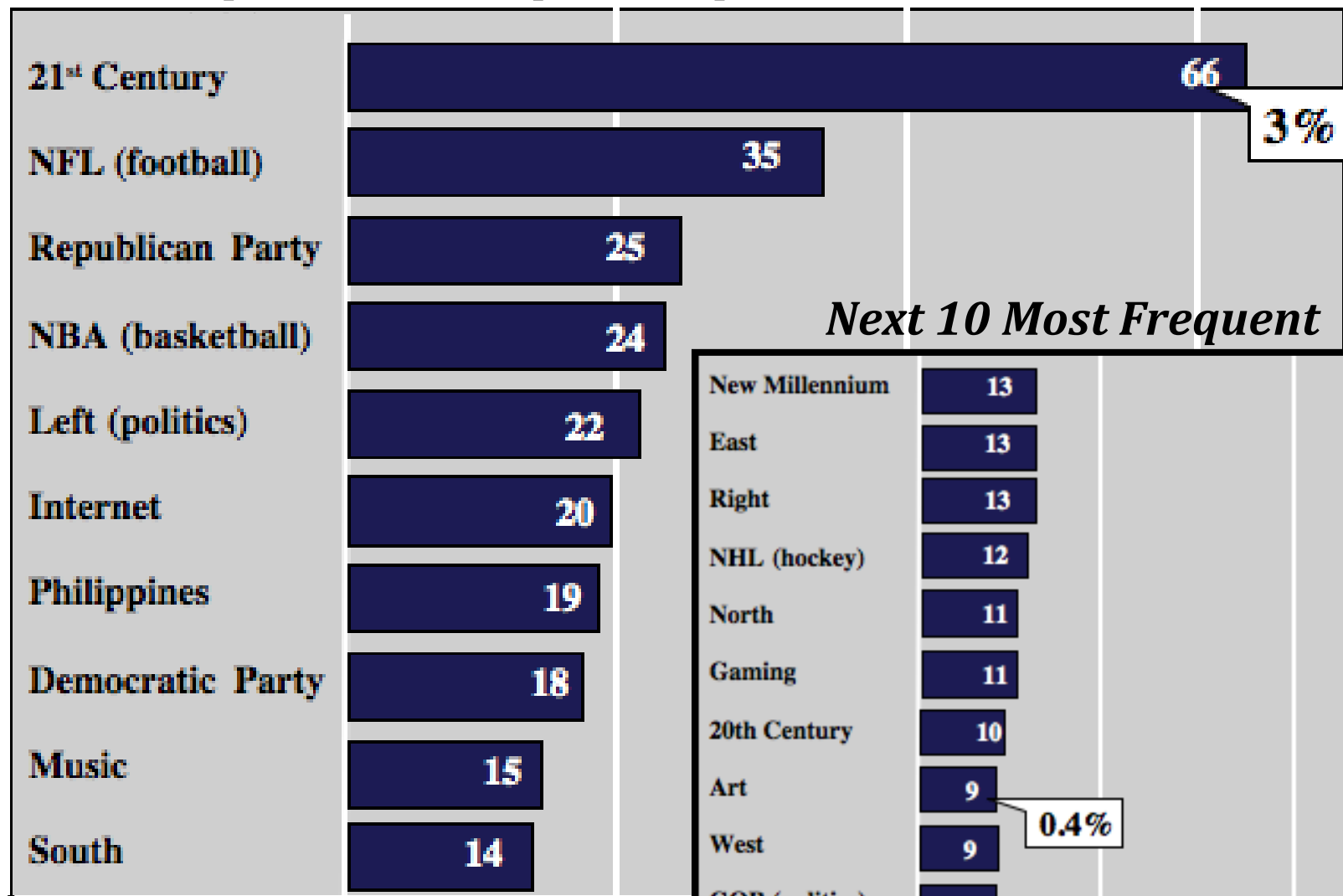
... (and 2179 more)

An Inventory of Vivid Topics: Used to build Creative Comparisons

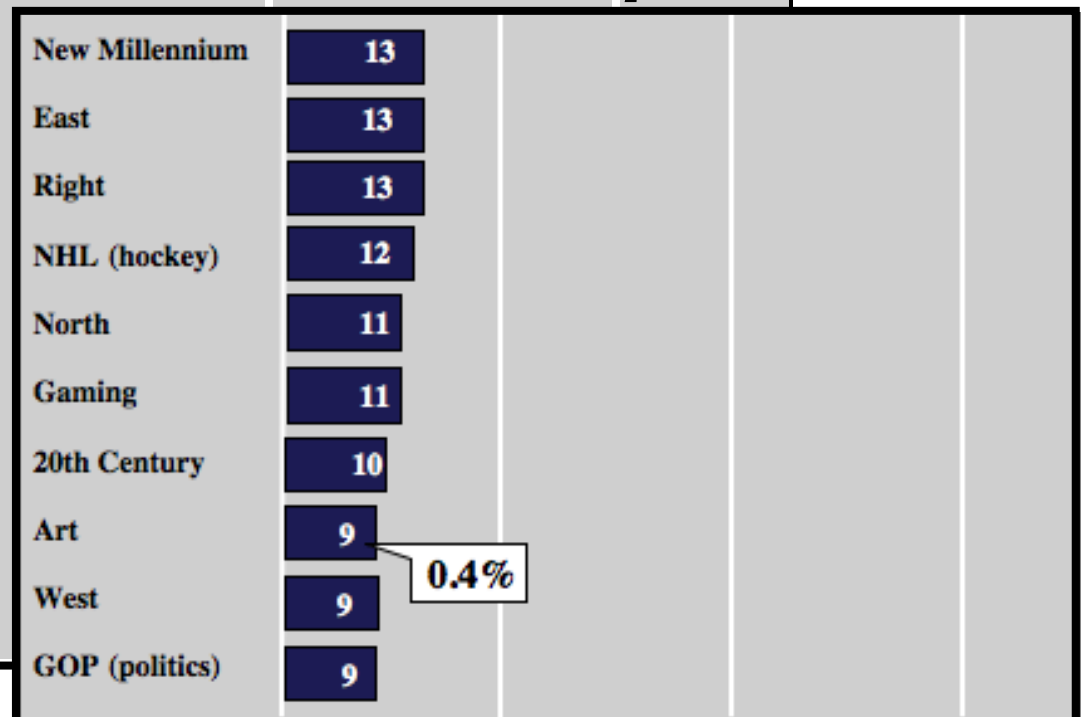


These popular topics have salient properties and are convenient role models

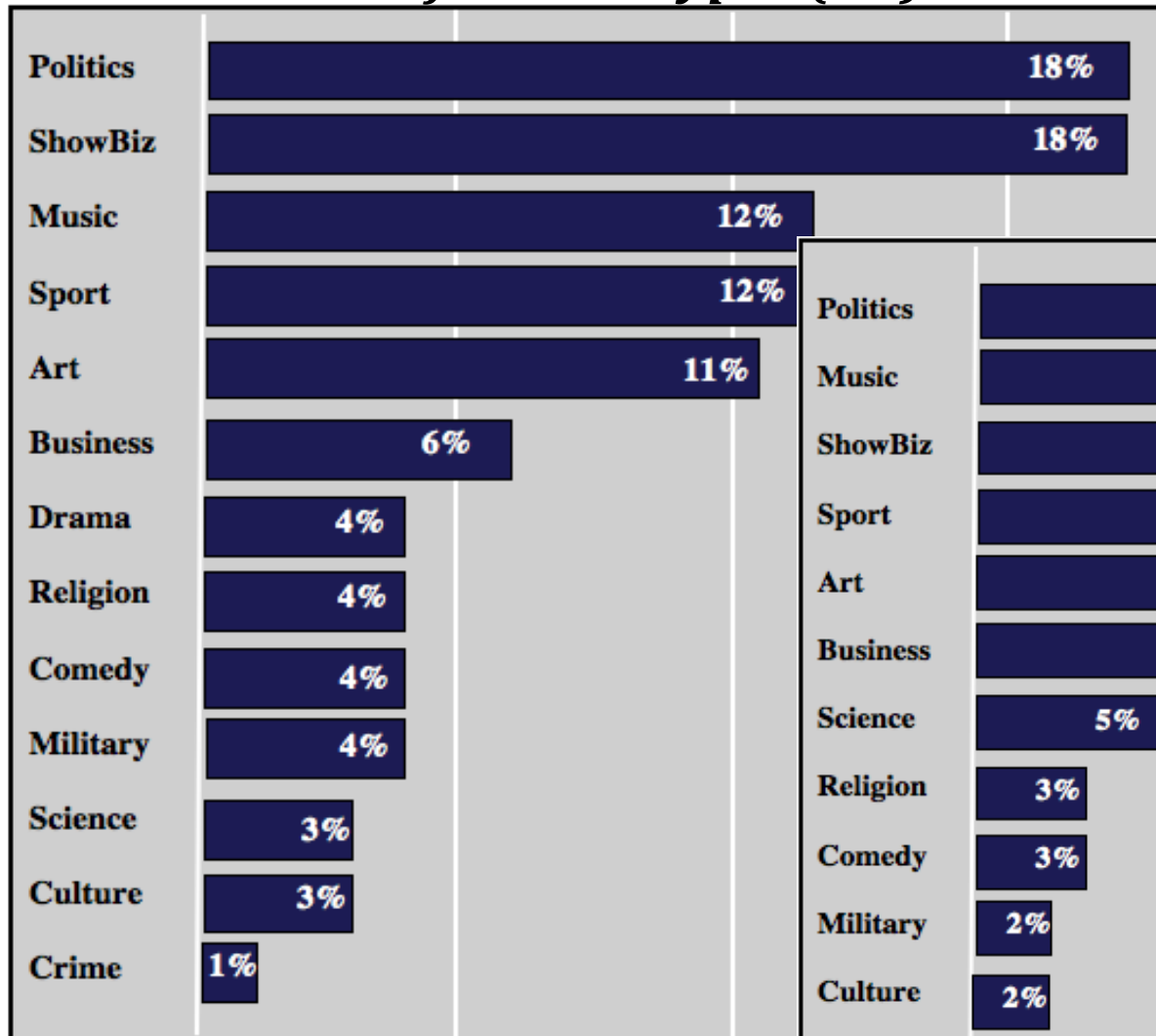
Top 10 Most Frequent Topic Domains



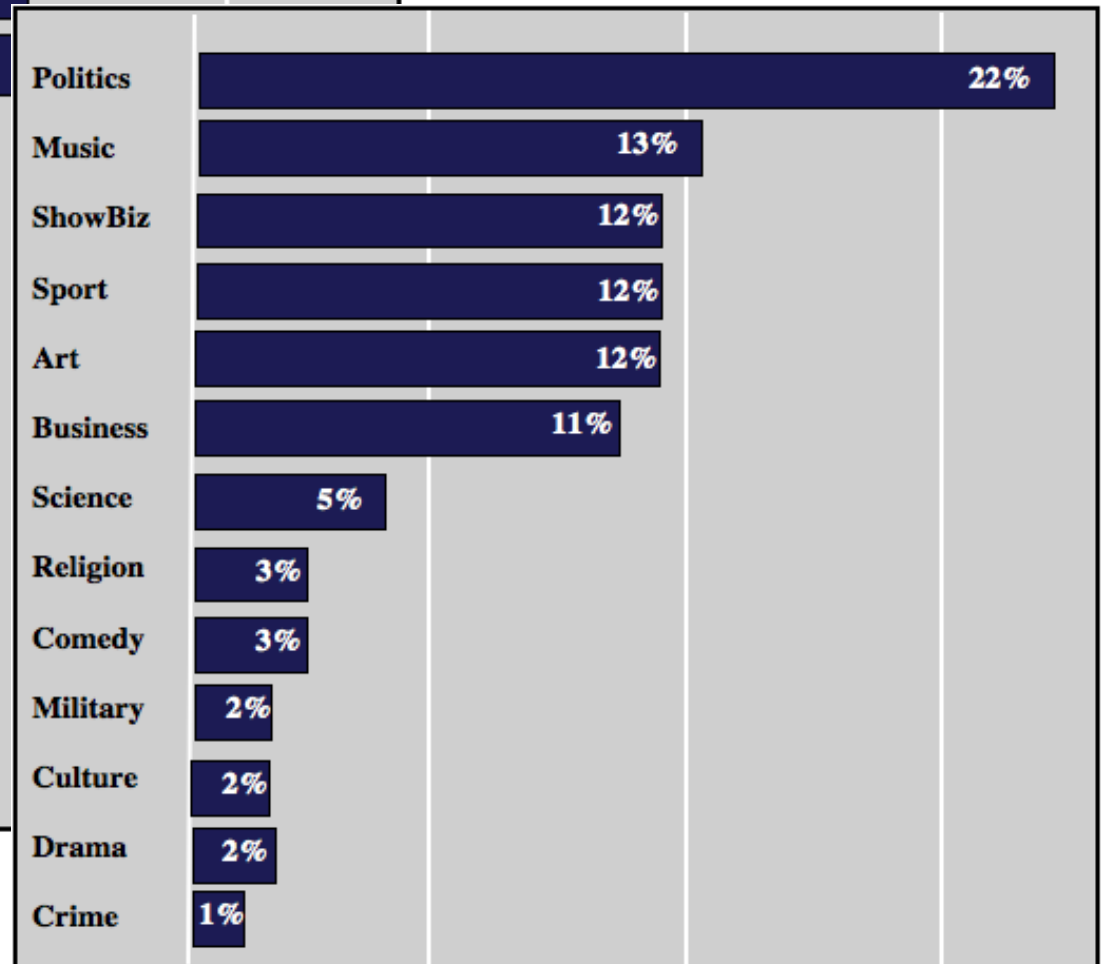
Next 10 Most Frequent



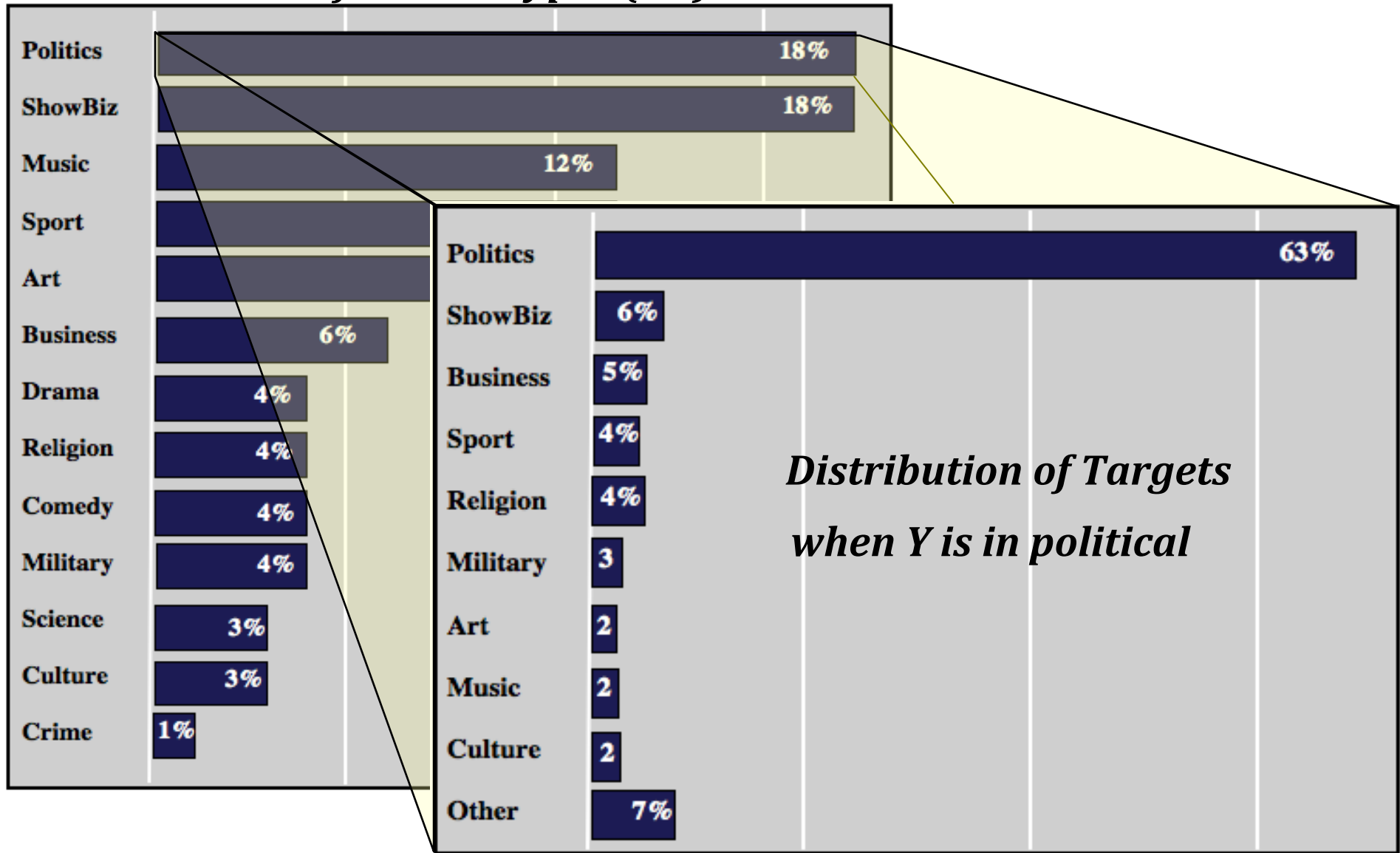
Distribution of Source Types (Y's) in



Distribution of Targets (X's)

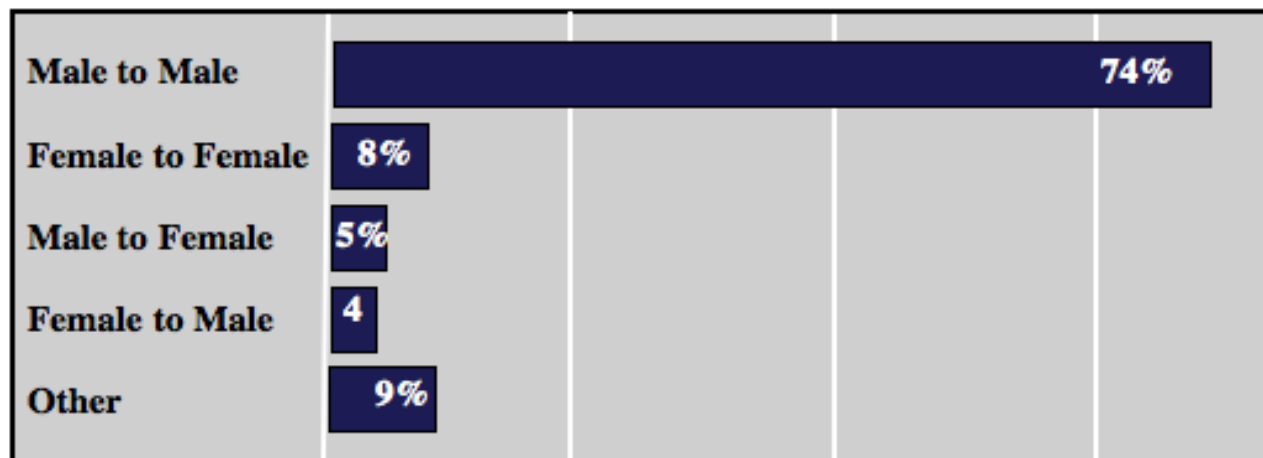


Distribution of Source Types (Y's) in XYZs

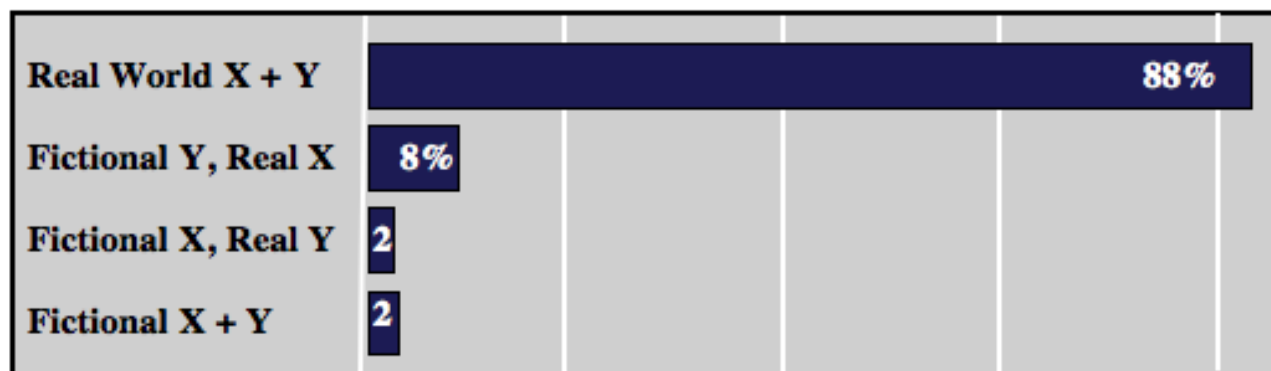


	Politics	Music	Art	ShowBiz	Business	Crime	Military	Sport	Comedy	Religion	Science	Culture	Drama
Politics	63	2	3	7	5	0.5	3	5	1	4	2	2	1
Music	6	61	5	7	4	0	1	6	1	1	1	0	1
Art	3	8	64	5	6	0	0	5	1	1	1	1	1
ShowBiz	9	8	8	37	9	1	0	7	5	1	2	1	3
Business	8	3	5	5	53	0	0	9	0	0	8	1	2
Crime	16	2	8	0	13	24	0	8	2	5	10	5	0
Military	43	1	1	1	8	0	30	2	1	4	3	0	0
Sport	5	7	3	8	8	1	1	53	3	1	2	1	1
Comedy	19	5	5	8	7	1	0	12	29	3	1	1	3
Religion	33	5	1	3	7	1	2	3	1	26	3	4	0
Science	6	1	5	2	13	2	1	4	1	4	51	5	1
Culture	19	9	4	15	10	0	1	0	1	1	3	27	3
Drama	14	6	4	7	18	1	1	11	1	2	1	5	15

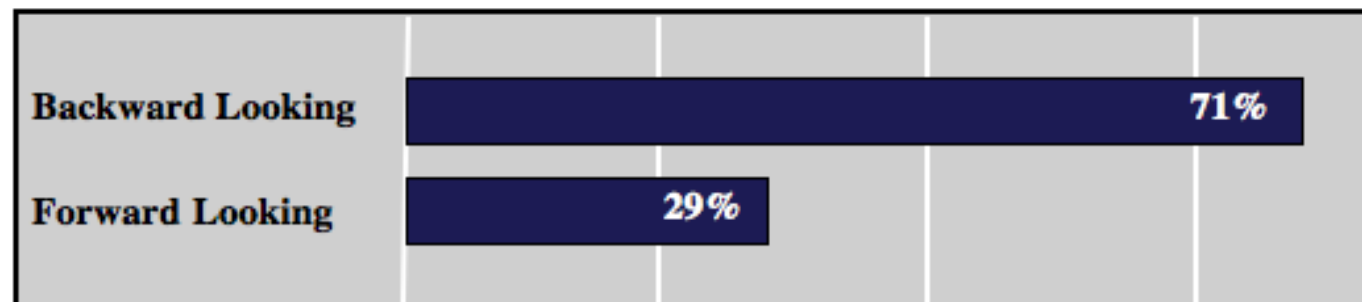
Note the dominance of the **diagonal**: most XYZs are within-domain comparisons



Conservation of Gender $X \rightarrow Y$



Conservation of Reality $X \rightarrow Y$



Temporal Order $X \leftarrow Y$

Some Examples of: Creative Non-Conservativity in XYZs

Alfa Romeo is the Quentin Tarantino of the automotive world

Chicken Inasal is the Oprah Winfrey of the menu

Pac Man is the King Lear of the 1980's videogame revolution

Samsung DLPs are the Lindsay Lohan of the television market

The Razr is the Kate Moss of phones

The Borgata is the Julia Roberts of casinos

Bradley's Battleship is the John Travolta of board games

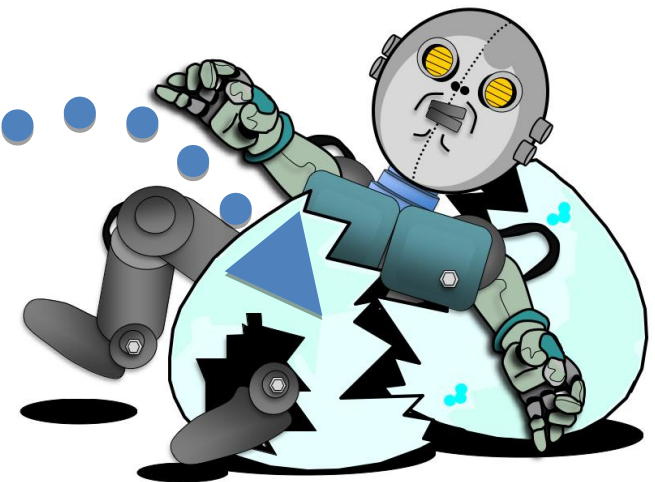
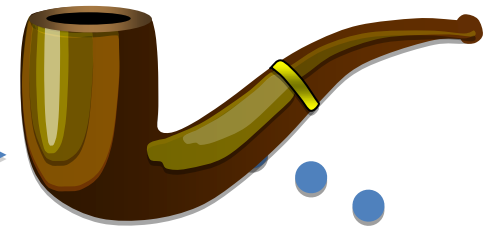
Krug is the Dorian Gray of the wine world

Red meat is the Donald Trump of cancer

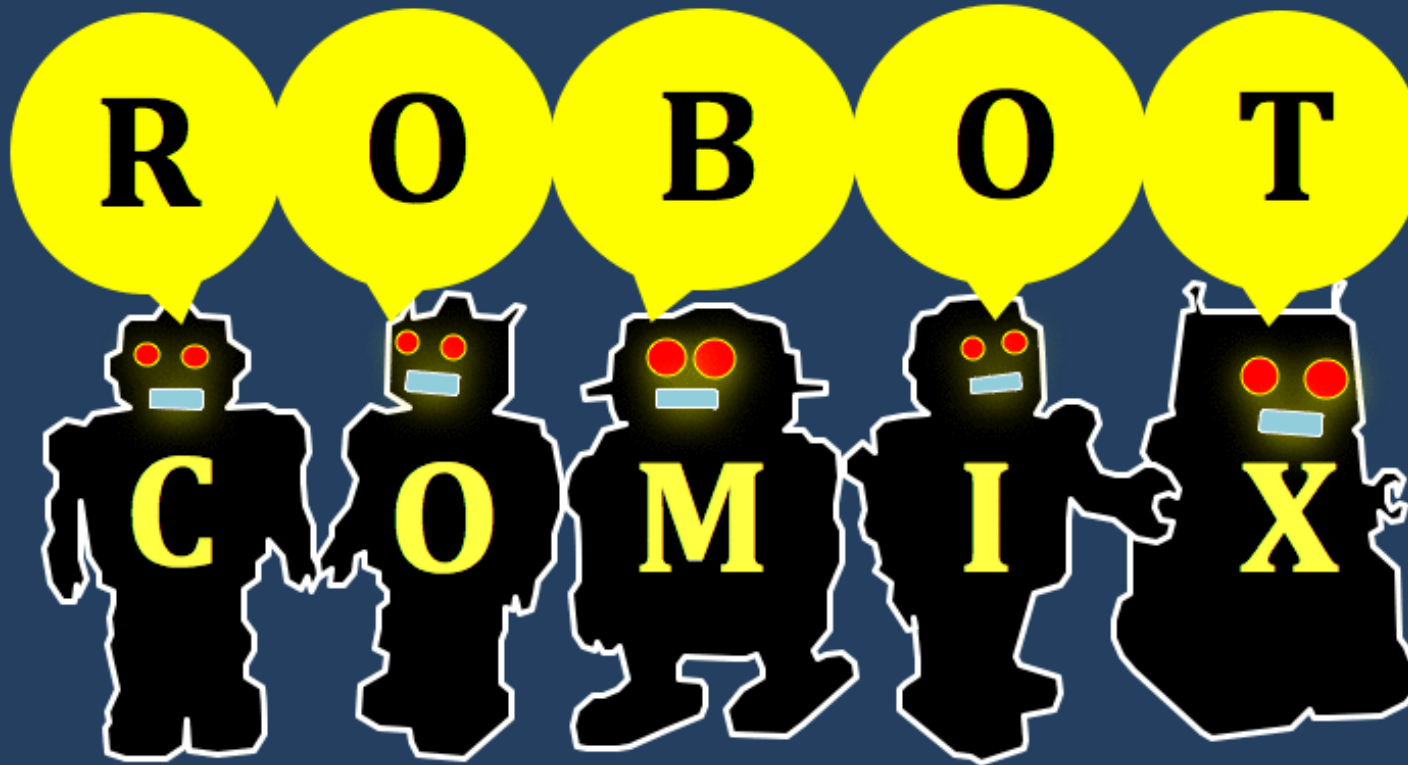
The K750i is the Chuck Norris of the photography world

The tuna sandwich is the Michael Jordan of the mid-day meal

The potato is the Tom Hanks of the vegetable world



**The historical impetus for
Computational Creativity**



Web Comics That Transform Our
Understanding of **Computers** and **Creativity**

RobotComix.com

PROSECCO-Network.EU